

TOWN COUNCIL
Town of Trumbull
CONNECTICUT
www.trumbull-ct.gov

TOWN HALL
Trumbull

TELEPHONE
(203) 452-5000



FINANCE COMMITTEE
AGENDA
JANUARY 29, 2020

Lisa Valenti, Chairman
22 Wood Avenue
Trumbull, CT 06611

Dawn Cantafio, Vice Chairman
72 Tait Road
Trumbull, CT 06611

Kevin Shively
66 Beardsley Parkway
Trumbull, CT 06611

Michael Miller
19 Lynnbrook Drive
Trumbull, CT 06611

Lori Rosasco Schwartz
29 High Ridge Road
Trumbull, CT 06611

Tony Scinto
32 Lindberg Drive
Trumbull, CT 06611

Mary Isaac, Alternate
50 Skating Pond Road
Trumbull, CT 06611

Donna Seidell, Alternate
182 Old Dike Road
Trumbull, CT 06611

NOTICE is hereby given that the Finance Committee of the Trumbull Town Council will hold a meeting Wednesday, January 29, 2020 at 7:30 p.m. at the Trumbull Town Hall, for the following purpose:

1. RESOLUTION TC28-29: To consider and act upon a resolution which would appropriate \$31,000 from the General Fund to account 01022600-581888 EMS-Capital Outlay.
2. RESOLUTION TC28-30: To consider and act upon a resolution which would appropriate \$8,300 from the General Fund to account 01022600-581888 EMS-Capital Outlay.
3. RESOLUTION TC28-31: To consider and act upon a resolution which would appropriate \$93,280 from the General Fund to account 01022600-522202 EMS-Professional Services.

4. RESOLUTION TC28-32: To consider and act upon a resolution whereby the Town Council initiates an audit of the accounts of the Board of Education pursuant to Chapter II, Section 10(A) of the Charter of the Town of Trumbull.
5. RESOLUTION TC28-33: To consider and act upon a resolution which would approve the 5-Year Capital Plan.

RESOLUTIONS

1. RESOLUTION TC28-29: BE IT RESOLVED, That \$31,000 is hereby appropriated from the General Fund to account 01022600-581888 EMS-Capital Outlay.
2. RESOLUTION TC28-30: BE IT RESOLVED, That \$8,300 is hereby appropriated from the General Fund to account 01022600-581888 EMS-Capital Outlay.
3. RESOLUTION TC28-31: BE IT RESOLVED, That \$93,280 is hereby appropriated from the General Fund to account 01022600-522202 EMS-Professional Services.
4. RESOLUTION TC28-32: BE IT RESOLVED, That the Town Council hereby initiates an audit of the accounts of the Board of Education pursuant to Chapter II, Section 10(A) of the Charter of the Town of Trumbull.
5. RESOLUTION TC28-33: BE IT RESOLVED, That the 5-Year Capital Plan is hereby approved.

TOWN OF TRUMBULL
BOARD OF FINANCE

REQUEST FOR ACTION

DATE: 9-Jan-20
AGENDA: 01-20-01
AMOUNT: \$31,000

2020-2021

(A) APPROPRIATION [X]

FROM: ACCOUNT NO.
ACCOUNT NAME General Fund - Fund Balance \$31,000

(B) TRANSFER []

(C) BOND []

TO: ACCOUNT NO. 01022600-581888
ACCOUNT NAME EMS-Capital Outlay \$31,000

(D) SUMMARY OF REQUEST:

To install security cameras in and outside of the building and ambulance bays.

(E) REQUESTED BY:

Leigh Goodman, EMS Chief

(F) SUPPORTING DATA:

See attached

(G) CONCURRENCE:

[] YES [] NO NEED ADD'L INFORMATION ↓



Vicki A. Tesoro, First Selectman

(H) BOARD OF FINANCE ACTION:

1. APPROVED ___
2. RECOMMENDED TO TOWN COUNCIL ___
3. TABLED ___
4. DENIED ___
5. OTHER ___

* There may be 8 cameras that can be repurposed from a different site that will reduce the total amount requested by Leigh Goodman. This is being investigated and will be discussed at the Board of Finance meeting.

TRANSFER NUMBER	ACCOUNT DESCRIPTION	ACCOUNT #	BALANCE BEFORE TRANSFER	AMOUNT OF TRANSFER	BALANCE AFTER TRANSFER
01-20-01	FROM GENERAL FUND - FUND BALANCE			<u>(31,000.00)</u>	
	TO EMS CAPITAL OUTLAY	01022600-581888	11,350.00	31,000.00	42,350.00
	TO INSTALL SECURITY CAMERAS IN AND OUTSIDE THE BUILDING AND AMBULANCE BAYS				

DATE	FROM	TO ACCOUNT NAME	TO ACCOUNT NUMBER	ITEM	AMOUNT
01/09/2020	General Fund	EMS-Capital Outlay	#01022600- 581888	SECURITY	\$31,000.00
ACCOUNT TOTAL					\$31,000.00

ITEM REQUEST SUMMARY FOR SECURITY UPGRADE

TRUMBULL EMS FUNDING FOR SECURITY UPGRADE

Trumbull EMS is requesting supplemental funding to cover costs for installation of security cameras to the interior and exterior of EMS building and secure access into site, and key controlled areas.

ITEM DESCRIPTION	ITEM DETAIL	COST
ACCESS CONTROL	Detail available on request	\$11,500.00
VIDEO SURVEILLANCE	Detail available on request	\$19,500.00
TOTAL		\$31,000.00

Trumbull EMS is conducting an ongoing detailed needs analysis and long term action plan for continued resource maintenance, growth & expansion, ensuring continued fiscally responsible, reliable and clinically excellent prehospital care to our community.

As part of this assessment, we found a critical need for upgraded building security to ensure our staff, fleet, supplies and property are kept safe. We are immediately addressing the most pressing requirements to adequately mitigate risk to our staff and operation.



Payable to: Omni Data, LLC
 PO Box 26653
 West Haven, CT 06516
 203-387-6664
 203-387-8745 FAX

QUOTE

Quote # Q2YQ10178
 Date 11/26/19
 Sales Rep. Adamw

Quote To:

Trumbull Town Hall
 William Chin
 5866 Main Street

Trumbull CT 06611

Ship To:

Trumbull Town Hall
 William Chin
 5866 Main Street

Trumbull CT 06611

Here is the quote you requested.

Qty	Description	Unit Price	Ext. Price
	Trumbull EMS		
	Access Control		
5	HID Reader	\$183.74	\$918.70
4	HES Electric Strikes	\$189.99	\$759.96
1	HES Electric Strikes	\$349.99	\$349.99
1	S2 Network Node	\$1,312.50	\$1,312.50
3	S2 ACM Blade	\$555.00	\$1,665.00
1	Altronix Power Supply	\$306.24	\$306.24
5	Dual Pole Door Contact	\$24.99	\$124.95
5	Request to Exit Sensor	\$77.49	\$387.45
5	Access Control Cable Runs	\$200.00	\$1,000.00
1	Installation / Configuration	\$4,560.00	\$4,560.00
	SubTotal		\$11,384.79
	Video Surveillance		
1	AXIS P3717-PLE 8 Megapixel Network Camera - Color, Monochrome - 49.21 ft Night Vision - H.264, MPEG-4, MJPEG - 1920 x 1080 - 3 mm - 6 mm - 2x Optical - CMOS - Cable - Dome - Bracket Mount	\$1,214.10	\$1,214.10
1	Axis T91A64 Corner Bracket	\$71.10	\$71.10
1	AXIS T91D61 Wall Mount for Surveillance Camera	\$75.60	\$75.60
1	AXIS T94N01D Pendant Mount	\$80.10	\$80.10
1	AXIS P3225-LVE MK II 2 Megapixel Network Camera - 1920 x 1080 - 3.5x Optical - Bracket Mount	\$629.06	\$629.06
7	AXIS P3225-LV Mk II 2 Megapixel Network Camera - Color - 1920 x 1080 - 3 mm - 10.50 mm - 3.5x Optical - Cable - Dome	\$522.78	\$3,659.46
2	AXIS P1447-LE 5 Megapixel Network Camera - Cable	\$674.06	\$1,348.12
11	Milestone Pro License	\$130.38	\$1,434.18
11	Cat6 Cable Runs	\$275.00	\$3,025.00
1	AXIS T8524 Ethernet Switch - 24 Ports - Manageable - 2 Layer Supported - Modular - Twisted Pair, Optical Fiber	\$809.05	\$809.05

Prices are subject to change without notice. Terms are NET 30 and subject to 1.5% monthly fee for unpaid balance. Signing this quote is agreeing to Omni Data, LLC's terms and conditions which can be found at <http://www.omnianswers.net/terms-and-conditions.pdf>

Qty	Description	Unit Price	Ext. Price
1	OPTIONAL - Local Recording Server	\$3,500.00	\$3,500.00
1	Misc	\$315.00	\$315.00
1	Installation / Configuration	\$3,040.00	\$3,040.00
	SubTotal		\$19,200.77
		SubTotal	\$30,585.56
		Sales Tax	\$0.00
		Shipping	\$0.00
		Total	\$30,585.56

Signature: _____ Date: _____

Printed Name: _____ Title: _____

Note:

Labor quotes (applicable only if labor is included on this quotation) are estimates based on reasonable expectations and assumed physical environment. Variations in either may require an amendment to actual total but we will never charge more without prior consent from customer.

Prices are subject to change without notice. Terms are NET 30 and subject to 1.5% monthly fee for unpaid balance. Signing this quote is agreeing to Omni Data, LLC's terms and conditions which can be found at <http://www.omnianswers.net/terms-and-conditions.pdf>

TOWN OF TRUMBULL
BOARD OF FINANCE

REQUEST FOR ACTION

DATE: 9-Jan-20
AGENDA: 01-20-02
AMOUNT: \$8,300

2020-2021

(A) APPROPRIATION [X]

FROM: ACCOUNT NO.
ACCOUNT NAME General Fund - Fund Balance \$8,300

(B) TRANSFER []

(C) BOND []

TO: ACCOUNT NO. 01022600-581888
ACCOUNT NAME EMS-Capital Outlay \$8,300

(D) SUMMARY OF REQUEST:

Stretcher for new ambulance (1/5 of \$41,500). Not part of initial ambulance purchase.

(E) REQUESTED BY:

Leigh Goodman, EMS Chief

(F) SUPPORTING DATA:

See attached

(G) CONCURRENCE:

YES NO NEED ADD'L INFORMATION



Vicki A. Tesoro, First Selectman

(H) BOARD OF FINANCE ACTION:

1. APPROVED___
2. RECOMMENDED TO TOWN COUNCIL___
3. TABLED___
4. DENIED___
5. OTHER___

TRANSFER NUMBER	ACCOUNT DESCRIPTION	ACCOUNT #	BALANCE BEFORE TRANSFER	AMOUNT OF TRANSFER	BALANCE AFTER TRANSFER
01-20-02	FROM GENERAL FUND - FUND BALANCE			(8,300.00)	
	TO EMS CAPITAL OUTLAY	01022600-581888	43,350.00	8,300.00	51,650.00

STRETCHER FOR NEW AMBULANCE THAT WAS NOT PART
OF THE INITIAL AMBULANCE PURCHASE (1/5 OF \$41,500)

ITEM REQUEST SUMMARY FOR POWER LOAD SYSTEM

TRUMBULL AMBULANCE 904 POWERLOAD SYSTEM/STRETCHER REPLACEMENT

Trumbull EMS is requesting supplemental funding to purchase a new powered loading system for the new ambulance. The costs of this CT State required equipment were inadvertently left out of our Capital Budget when the new ambulance was considered, as this item was planned for during our transitional leadership year.

NEW STRETCHER

As this should have been included in the original ambulance purchase, it becomes part of the ISF and only one fifth of the expense will be charged to this account.

ITEM DESCRIPTION	PRODUCT NAME	COST	COST PER YR
STRETCHER	Power-PRO XT	\$19,000.00	\$3,800.00
LOADING SYSYTEM	PowerLOAD	\$22,500.00	\$4,500.00
TOTAL		\$41,500.0	\$8,300.00
TOTAL REQUEST FOR TRANSFER			\$8,300.00

As we upgrade our vehicles, we are installing CT State required PowerLOAD Systems into all new vehicles. PowerLOAD systems are part of our proactive risk reduction strategy to ensure we are making every reasonable effort to protect our EMS providers from injury, and that we are ensuring our patients have the best set up for smooth and safe transition from the incident into and out of our emergency response vehicles. It is important to note that maintaining uniformity in ambulance equipment is a proactive risk mitigating step, allowing all providers to know how to use all pieces of equipment efficiently, safely and effectively no matter what vehicle they respond in. All ambulances need to carry the same stretcher and loading system as they must be interchangeable on scenes and in general.

DATE	FROM	TO ACCOUNT NAME	TO ACCOUNT NUMBER	ITEM	AMOUNT
01/09/20	General Fund	EMS-Capital Outlay	#01022600- 581888	POWER LOAD SYSTEM	\$8300.00
ACCOUNT TOTAL					\$8300.00



Trumbull EMS Power Pro

Quote Number: 10057871
Version: 1
Prepared For: TRUMBULL EMS
Attn:

Remit to: P.O. Box 93308
Chicago, IL 60673-3308
Rep: Michael Hooper
Email: michael.hooper2@stryker.com
Phone Number:

Quote Date: 10/01/2019
Expiration Date: 12/30/2019

Delivery Address		End User - Shipping - Billing		Bill To Account	
Name:	TRUMBULL EMS	Name:	TRUMBULL EMS	Name:	TRUMBULL EMS
Account #:	1196423	Account #:	1196423	Account #:	1196423
Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611	Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611	Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611

Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	6506000000	Power-PRO XT	1	\$18,984.64	\$18,984.64
1.1	6085033000	PR Cot Retaining Post			
1.2	7777881669	3 Yr X-Frame Powertrain Wrnty			
1.3	7777881670	2 Yr Bumper to Bumper Warranty			
1.4	6506026000	Power Pro Standard Components			
1.5	6500001430	X-RESTRAINT PACKAGE			
1.6	0054030000	DOM SHIP (NOT HI, AK, PR, GM)			
1.7	650606160000	ONE PER ORDER, MANUAL, ENG OPT			
1.8	6085031000	Trendelenburg			
1.9	6506038000	Steer Lock Option			
1.10	6092036018	J Hook			
1.11	6506127000	Power-LOAD Compatible Option			
1.12	6500028000	120V AC SMRT Charging Kit			
1.13	6500003130	KNEE GATCH BOLSTER MATRSS, XPS			
1.14	6506040000	XPS Option			
1.15	6085046000	Retractable Head Section O2			
1.16	0054200994	NO RUNNER			
1.17	6500315000	3 Stage IV Pole PR Option			
1.18	6506012003	STANDARD FOWLER			
1.19	6500128000	Head End Storage Flat			



Trumbull EMS Power Pro

Quote Number: 10057871
Version: 1
Prepared For: TRUMBULL EMS
Attn:

Remit to: P.O. Box 93308
Chicago, IL 60673-3308
Rep: Michael Hooper
Email: michael.hooper2@stryker.com
Phone Number:

Quote Date: 10/01/2019
Expiration Date: 12/30/2019

#	Product	Description	Qty	Sell Price	Total
1.20	6500147000	Equipment Hook			

Equipment List Price:	\$23,152.00
Equipment Discount %:	18.0%
Equipment Total:	\$18,984.64

Price Totals:

Grand Total:	\$18,984.64
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Prices: In effect for 60 days.
Terms: Net 30 Days

Ask your Stryker Sales Rep about our flexible financing options.

AUTHORIZED CUSTOMER SIGNATURE



Trumbull EMS Power Load

Quote Number: 10100258
Version: 1
Prepared For: TRUMBULL EMS
Attn:

Remit to: P.O. Box 93308
Chicago, IL 60673-3308
Rep: Michael Hooper
Email: michael.hooper2@stryker.com
Phone Number:

Quote Date: 12/18/2019
Expiration Date: 03/17/2020

Delivery Address		End User - Shipping - Billing		Bill To Account	
Name:	TRUMBULL EMS	Name:	TRUMBULL EMS	Name:	TRUMBULL EMS
Account #:	1196423	Account #:	1196423	Account #:	1196423
Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611	Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611	Address:	250 MIDDLEBROOKS AVE TRUMBULL Connecticut 06611

Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	6390000000	PowerLOAD	1	\$22,457.55	\$22,457.55
1.1	6390026000	Standard Comp 6390 Power-Load		\$0.00	\$0.00
1.2	6390029000	NO FLOORPLATE OPTION		\$0.00	\$0.00
1.3	639000220000	ONE PER ORDER, MANUAL, ENG OPT		\$0.00	\$0.00
1.4	6390600000	English Manual		\$0.00	\$0.00
1.5	639000010902	LABEL, WIRELESS		\$0.00	\$0.00
1.6	7777881660	1 year parts, labor & travel		\$0.00	\$0.00
				Equipment List Price:	\$28,213.00
				Equipment Discount %:	20.4%
				Equipment Total:	\$22,457.55

Price Totals:

Grand Total: \$22,457.55

Prices: In effect for 60 days.

Terms: Net 30 Days

Ask your Stryker Sales Rep about our flexible financing options.



Trumbull EMS Power Load

Quote Number: 10100258
Version: 1
Prepared For: TRUMBULL EMS
Attn:

Remit to: P.O. Box 93308
Chicago, IL 60673-3308
Rep: Michael Hooper
Email: michael.hooper2@stryker.com
Phone Number:

Quote Date: 12/18/2019
Expiration Date: 03/17/2020

AUTHORIZED CUSTOMER SIGNATURE

TOWN OF TRUMBULL
BOARD OF FINANCE

REQUEST FOR ACTION

DATE: 9-Jan-20
AGENDA: 01-20-03
AMOUNT: \$93,280

2020-2021

(A) APPROPRIATION [X]

FROM: ACCOUNT NO.
ACCOUNT NAME General Fund - Fund Balance \$93,280

(B) TRANSFER []

TO: ACCOUNT NO. 01022600-522202

(C) BOND []

ACCOUNT NAME EMS-Professional Services \$93,280

(D) SUMMARY OF REQUEST:

To cover EMTs that were inandvertently left out of the budget.

(E) REQUESTED BY:

Leigh Goodman, EMS Chief

(F) SUPPORTING DATA:

See attached

(G) CONCURRENCE:

YES NO NEED ADD'L INFORMATION



Vicki A. Tesoro, First Selectman

(H) BOARD OF FINANCE ACTION:

1. APPROVED___
2. RECOMMENDED TO TOWN COUNCIL___
3. TABLED___
4. DENIED___
5. OTHER___

TRANSFER NUMBER	ACCOUNT DESCRIPTION	ACCOUNT #	BALANCE BEFORE TRANSFER	AMOUNT OF TRANSFER	BALANCE AFTER TRANSFER
01-20-03	FROM GENERAL FUND - FUND BALANCE			<u>(93,280.00)</u>	
	TO EMS PROFESSIONAL SERVICES	01022600-522202	160,050.00	93,280.00	253,330.00
	TO COVER EMT'S WHICH WERE INADVERTENTLY LEFT OUT OF THE BUDGET				

DATE	FROM	TO ACCOUNT NAME	TO ACCOUNT NUMBER	ITEM	AMOUNT
01/09/20	General Fund	EMS-Professional Services	#01022600- 522202	EMT/MEDIC VENDOR FEES	\$86,250.00
01/09/20	General Fund	EMS-Professional Services	#01022600- 522202	EMT/MEDIC VENDOR FEES	\$7,030.00
ACCOUNT TOTAL					\$93,280.00

ITEM REQUEST SUMMARY FOR EMT VENDOR FUNDS

TRUMBULL EMS FUNDING FOR EMT STAFF

Trumbull EMS is requesting supplemental funding to cover costs for EMT/Paramedic staffing. The funds were inadvertently removed from the budget when the paramedic staff from the same vendor were removed when we transitioned to a new vendor.

ITEM DESCRIPTION	ITEM DETAIL	PROJECTED COST
EMT FUNDING	EMT hourly rate of \$26.16, as per current contract	\$86,250.00
PARAMEDIC FUNDING	Allows for late calls/hold/QA/SUP cover as needed	\$7,030.00
TOTAL		\$93,280.00

Based on our analysis of our professional account this year and vendor payments review FY to date, we have determined the appropriate amount which should have been in our initial budget and are respectfully requesting the amount be transferred from the General fund to this Account.

FOR 2020 99

ACCOUNTS FOR: 01 GENERAL FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED

01022600 EMERGENCY MEDICAL SERVICES							

01022600 440000 FEE REVENUE	-1,550,000	0	-1,550,000	-807,536.87	.00	-742,463.13	52.1%
TOTAL EMERGENCY MEDICAL SERVICES	-1,550,000	0	-1,550,000	-807,536.87	.00	-742,463.13	52.1%
TOTAL GENERAL FUND	-1,550,000	0	-1,550,000	-807,536.87	.00	-742,463.13	52.1%
TOTAL REVENUES	-1,550,000	0	-1,550,000	-807,536.87	.00	-742,463.13	



TRUMBULL EMS REVENUE ANALYSIS FY2019 & FY2020 YTD

FY2019 SUMMARY

TOTAL CALLS	4797
TOTAL TRANSPORTS	4456
AVERAGE TRANSPORT RATE	77%
OPERATING BUDGET	\$1,447,415.00
REVENUE GENERATED	\$1,690,330.20
REVENUE GENERATED ABOVE OPERATING BUDGET	\$190,330.20

FY2020 YTD SUMMARY

TOTAL CALLS YTD	2492
TOTAL TRANSPORTS YTD	2275
AVERAGE TRANSPORT RATE YTD	78%
CURRENT OPERATING BUDGET	\$1,422,703.00
CURRENT REVENUE GENERATED	\$856,179.54
CURRENT REVENUE GENERATED ABOVE OPERATING BUDGET	N/A

FY2020 PROJECTIONS 01/01/2020-06/30/2020

PROJECTED CALL VOLUME	2492
PROJECTED TRANSPORTS	2275
PROJECTED AVERAGE TRANSPORT RATE	78%

FY2020 PROJECTIONS FY2020

Based on analytics, we can cautiously project a small 4% increase in call volume and billable transports, resulting in an estimated projected increase in allowable revenue generating income. Based on historical data and current analytics we can use the following projections for the final overall totals.

PROPOSED OPERATING BUDGET Pending BOF/TC Approval	\$1,555,283.00
PROJECTED TRANSPORTS	4984
PROJECTED AVERAGE TRANSPORT RATE	78%
REVENUE GENERATED YTD	\$856,179.54
PROJECTED REVENUE FY2020	1,712,359.08
PROJECTED REVENUE GENERATION ABOVE PROPOSED OPERATING BUDGET	\$157,076.08

**TOWN OF TRUMBULL
APPROVED CAPITAL IMPROVEMENT PLAN
CALENDAR YEARS 2020 - 2024
as of December 19, 2019**

	CY019 Total Approved Funding	CY 2020 Planned	CY 2021 Planned	CY 2022 Planned	CY 2023 Planned	CY 2024 Planned	TOTAL CY2020 - 2024
BOE	1,482,832	4,743,000	9,547,759	3,424,000	6,758,000	4,385,000	\$ 28,857,759
Roadways	4,132,283	5,338,141	8,119,722	7,637,564	8,164,132	4,176,228	\$ 33,435,788
Public Facilities	1,235,500	2,487,500	13,445,000	9,909,000	30,000	44,000	\$ 25,915,500
Parks Improvements	692,861	5,081,700	11,435,560	8,370,000	1,026,000	-	\$ 25,913,260
Fleet & Equipment	91,300	1,226,000	674,950	503,000	615,953	1,250,744	\$ 4,270,646
Other	9,896,474	848,434	12,746,526	9,302,172	1,894,000	-	\$ 24,791,132
Enterprise	3,780,621	241,000	5,217,358	1,361,328	1,359,358	250,000	\$ 8,429,044
TOTAL*	\$ 21,311,871	\$ 19,965,775	\$ 61,186,875	\$ 40,507,064	\$ 19,847,443	\$ 10,105,971	\$ 151,613,129

Five-Year Total

* Projected costs are gross amounts; actual bonded amounts will be net of any other funding sources, including State reimbursements. Amounts proposed for future periods are not adjusted for inflation.

** Town Council Approved CY 2019 is presented for information purpose only; not part of the total

	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	TOTAL
	Total	Capital Plan					
	Funding Approval	PLANNED	PLANNED	PLANNED	PLANNED	PLANNED	2020-2024
<u>Board of Education</u>							
Hillcrest Middle School	50,000	132,000	40,000	532,000	3,200,000	410,000	4,314,000
Madison Middle School	135,000	1,045,000	75,000	650,000	425,000	350,000	2,545,000
Middlebrook Elementary	514,832	1,500,000	-	-	175,000	150,000	1,825,000
Daniels Farm Elementary	40,000	-	1,012,759	-	-	2,800,000	3,812,759
Jane Ryan Elementary	50,000	1,400,000	1,390,000	135,000	150,000	-	3,075,000
Booth Hill Elementary	60,000	25,000	1,325,000	120,000	135,000	-	1,605,000
Tashua Elementary	-	-	-	1,850,000	1,650,000	150,000	3,650,000
Frenchtown Elementary	88,000	-	85,000	-	1,023,000	250,000	1,358,000
TECEC	-	-	-	-	-	-	-
Agriscience High School	-	-	-	62,000	-	275,000	337,000
Trumbull High School	105,000	-	1,220,000	75,000	-	-	1,295,000
Equip and Infra Dist Wide	120,000	-	-	-	-	-	-
Long Hill Admin Building	100,000	611,000	3,900,000	-	-	-	4,511,000
Bus Garage	220,000	30,000	500,000	-	-	-	530,000
TOAL BOE	1,482,832	4,743,000	9,547,759	3,424,000	6,758,000	4,385,000	28,857,759
<u>Roadways</u>	-						-
Roadway Paving	4,132,283	5,338,141	8,119,722	7,637,564	8,164,132	4,176,228	33,435,788
TOTAL ROADWAYS	4,132,283	5,338,141	8,119,722	7,637,564	8,164,132	4,176,228	33,435,788
<u>Public Facilities</u>	-						-
Trumbull Library	180,000	42,000	3,110,000	3,000,000	30,000	-	6,182,000
Town Hall	200,000	430,000	285,000	25,000	-	44,000	784,000
Town Hall Annex	-	-	-	-	-	-	-
Police Headquarters	15,000	-	30,000	70,000	-	-	100,000
Senior Center	47,000	950,000	7,628,000	6,700,000	-	-	15,278,000
Public Works Yard	58,500	625,000	162,000	-	-	-	787,000
EMS Building	-	50,000	2,000,000	54,000	-	-	2,104,000
Helen Plumb Building	-	80,000	90,000	60,000	-	-	230,000
Transfer Station	735,000	230,500	140,000	-	-	-	370,500
Townwide	-	80,000	-	-	-	-	80,000
TOTAL PUBLIC FACILITIES	1,235,500	2,487,500	13,445,000	9,909,000	30,000	44,000	25,915,500
<u>Parks Improvements</u>	-						-
Athletic Fields	-	1,500,000	-	-	-	-	1,500,000
Irrigation	-	-	25,000	25,000	-	-	50,000

	CY 2019 Total Funding Approval	CY 2020 Capital Plan PLANNED	CY 2021 Capital Plan PLANNED	CY 2022 Capital Plan PLANNED	CY 2023 Capital Plan PLANNED	CY 2024 Capital Plan PLANNED	TOTAL Capital Plan 2020-2024
Parks	498,000	351,700	1,402,000	2,000,000	300,000	-	4,053,700
Paving	194,861	1,365,000	3,198,560	1,345,000	516,000	-	6,424,560
Pools	-	1,115,000	5,935,000	5,000,000	-	-	12,050,000
Tennis	-	750,000	875,000	-	210,000	-	1,835,000
	-						-
TOTAL PARKS IMPROVEMENTS	692,861	5,081,700	11,435,560	8,370,000	1,026,000	-	25,913,260
Fleet & Equipment	-						-
EMS	-	120,000	200,000	207,000	214,245	221,744	962,989
Emergency Management	-	-	-	-	-	800,000	800,000
Highway	-	870,000	381,150	296,000	401,708	229,000	2,177,858
Parks	91,300	200,000	93,800	-	-	-	293,800
	-	-	-	-	-	-	-
TOTAL FLEET & EQUIPMENT	91,300	1,190,000	674,950	503,000	615,953	1,250,744	4,234,646
Other	-	-	-	-	-	-	-
Economic Development	234,000	50,000	1,940,387	6,811,182	1,801,000	-	10,602,569
Engineering	9,662,474	798,434	10,806,139	2,490,990	93,000	-	14,188,563
Information Tech	-	-	-	-	-	-	-
Other Projects	-	-	-	-	-	-	-
TOTAL VARIOUS	9,896,474	848,434	12,746,526	9,302,172	1,894,000	-	24,791,132
Enterprise*	-						-
WPCA	3,780,621	241,000	5,100,000	1,200,000	1,200,000	-	7,741,000
Golf	-	-	117,358	161,328	159,358	250,000	688,044
TOTAL WPCA	3,780,621	241,000	5,217,358	1,361,328	1,359,358	250,000	8,429,044
GRAND TOTAL	21,311,871	19,929,775	61,186,875	40,507,064	19,847,443	10,105,971	151,577,129

BUILDING	CATEGORY	DESCRIPTION	CY 2019					
			CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			Total Funding	Capital Plan	Capital Plan	Capital Plan	Capital Plan	Capital Plan
Hillcrest Middle School	Environmental	Asbestos (Flooring and Insulation)	50,000	40,000	40,000			
Hillcrest Middle School	Safety	Building Fire Alarm Panels	-		-	132,000		
Hillcrest Middle School	Safety	Remove ext. concrete shade panels	-	92,000				
Hillcrest Middle School	On site	Locker Rooms renovations	-			400,000		
Hillcrest Middle School	Windows	Window replacement					3,200,000	
Hillcrest Middle School	On Site const	Science Classroom upgrades						210,000
Hillcrest Middle School	On Site const	Courtyard renovations hardscape						200,000
			-					
Total Hillcrest School:			50,000	132,000	40,000	532,000	3,200,000	410,000
Madison Middle School	Environmental	Asbestos (Flooring and Insulation)	75,000	75,000	75,000	75,000		
Madison Middle School	Electrical	Upgrade panel Infrastructure	-			175,000		
Madison Middle School	HVAC	Replace RTU, exhaust fans, HV etc	-				425,000	150,000
Madison Middle School	Construction	Locker rooms renovations	-			400,000		
Madison Middle School	On Site const	Courtyard renovations hardscape	-					200,000
Madison Middle School	Design	Drainage/paving	60,000					
Madison Middle School	Construction	Detention basin construction	-	970,000				
			-					
Total Madison School:			135,000	1,045,000	75,000	650,000	425,000	350,000
Middlebrook Elementary	Environmental	Asbestos (Flooring and Insulation)	40,000					
Middlebrook Elementary	Paving	Parking Lot and Driveway Paving PH2	474,832					
Middlebrook Elementary	Roofing	Roof replacement	-	1,500,000				
Middlebrook Elementary	HVAC	Replace RTU, exhaust fans, HV etc	-				175,000	
Middlebrook Elementary	Electrical	Upgrade panel Infrastructure	-					150,000
Middlebrook Elementary	Photo Voltaics	ZREC Bid for Solar Installation (no cost)	-	No cost				
			-					
Total Middlebrook Elementary School:			514,832	1,500,000	-	-	175,000	150,000
Daniels Farm Elementary	Environmental	Asbestos (Flooring and Insulation)	40,000					
Daniels Farm Elementary	Paving	Parking Lot - Sidewalks, and Driveway Paving	-		1,012,759			
Daniels Farm Elementary	Windows	Window Replacement (1962)	-					1,600,000
Daniels Farm Elementary	Roofing	Roof Replacement	-					1,200,000
			-					
Total Daniels Farm Elementary School:			40,000	-	1,012,759	-	-	2,800,000
Jane Ryan Elementary	Environmental	Asbestos (Flooring and Insulation)	50,000	50,000				
Jane Ryan Elementary	Paving	Parking Lot - Sidewalks, and Driveway Paving	-	1,350,000				
Jane Ryan Elementary	Roofing	Roof replacement (1991)	-		1,300,000			
Jane Ryan Elementary	Electrical	Update Electrical infrastructure	-			135,000		
Jane Ryan Elementary	HVAC	Replace RTU, exhaust fans, HV etc	-				150,000	
Jane Ryan Elementary	Elevator	Single bottom Cylinder Upgrade(code)	-		90,000			
			-					
Total Jane Ryan Elementary School:			50,000	1,400,000	1,390,000	135,000	150,000	
Booth Hill Elementary	Environmental	Asbestos (Flooring and Insulation)	60,000	25,000	25,000			
Booth Hill Elementary	Electrical	Update Electrical infrastructure	-			120,000	135,000	
Booth Hill Elementary	Roofing	Roof replacement (1991)	-		1,300,000			
Booth Hill Elementary	Photo Voltaics	ZREC Bid for Solar Installation	-			No cost		
			-					
Total Booth Hill Elementary School:			60,000	25,000	1,325,000	120,000	135,000	-
			-					

items in yellow are Engineering projects

items in yellow are

BUILDING	CATEGORY	DESCRIPTION	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			Total Funding	Capital Plan				
Tashua Elementary	Paving	Parking Lot - Sidewalks, and Driveway Paving	-	-	-	750,000	-	-
Tashua Elementary	Windows	Window Replacement (1965)	-	-	-	-	1,500,000	-
Tashua Elementary	Roofing	Roof replacement (1991)	-	-	-	1,100,000	-	-
Tashua Elementary	Electrical	Update Electrical infrastructure	-	-	-	-	150,000	-
Tashua Elementary	HVAC	Replace RTU, exhaust fans, HV etc	-	-	-	-	-	150,000
Total Tashua Elementary School:			-	-	-	1,850,000	1,650,000	150,000
Frenchtown Elementary	Paving	Parking Lot and Driveway Paving	-	-	-	-	1,023,000	-
Frenchtown Elementary	Energy	Lighting upgrade interior/exterior LED	88,000	-	-	-	-	-
Frenchtown Elementary	HVAC	Boiler Replacement	-	-	-	-	-	250,000
Frenchtown Elementary	HVAC	Cooling Tower Replacement	-	-	85,000	-	-	-
Total Frenchtown Elementary School:			88,000	-	85,000	-	1,023,000	250,000
Agriscience High School	On Site Const	Fencing Replacement	-	-	-	62,000	-	-
Agriscience High School	HVAC	Boiler replacements	-	-	-	-	-	275,000
Agriscience High School	Photo Voltaics	ZREC Bid for Solar Installation	-	no cost	-	-	-	-
Total Agriscience High School:			-	-	-	62,000	-	275,000
Trumbull High School	Athletic Field	THS Fields ADA Accessibility	105,000	-	-	-	-	-
Trumbull High School	On Site Const	Athletic field Storage Building 20 x 25	-	-	-	75,000	-	-
Trumbull High School	On Site Const	Wellness/Fitness Center	-	-	1,100,000	-	-	-
Trumbull High School	HVAC	Cooling tower sump replacement	-	-	120,000	-	-	-
Total Trumbull High School:			105,000	-	1,220,000	75,000	-	-
Equip and Infra Dist Wide	Equipment	Vehicle Replacements w/plows	120,000	-	-	-	-	-
Total Equip and Infra Dist Wide:			120,000	-	-	-	-	-
Long Hill Admin Building	Paving	Parking Lot Drainage & paving	-	461,000	-	-	-	-
Long Hill Admin Building	Roofing	Roof Replacement	-	-	-	-	-	-
Long Hill Admin Building	HVAC	Boilers and AC	-	-	-	-	-	-
Long Hill Admin Building	Assessment	Facility Assessment & Review	100,000	-	-	-	-	-
Long Hill Admin Building	Construction	New Administration building	-	-	3,900,000	-	-	-
Long Hill Admin Building	Constuction	Build Data Center at High School	-	150,000	-	-	-	-
Total Long Hill Admin Building:			100,000	611,000	3,900,000	-	-	-
Bus Garage	Paving	Parking lot paving and drainage 30ksf	220,000	-	-	-	-	-
Bus Garage	Paving	Parking lot design & permitting	-	30,000	-	-	-	-
Bus Garage	Paving	Parking lot construction	-	-	500,000	-	-	-
Total Bus Garage:			220,000	30,000	500,000	-	-	-
GRAND TOTAL			1,482,832	4,743,000	9,547,759	3,424,000	6,758,000	4,385,000

items in yellow are Enginnering projects added by HWY

* Will enter into Performance Contract for Energy Efficiency projects to be paid over 10 years.

CATEGORY	DESCRIPTION	LOCATION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			CY 2019 Total Funding Approval					
Roadways	Paving	Hardy Lane	100,000					
Roadways	Paving	Cemetery Dr	-					
Roadways	Paving	Center Rd	-					
Roadways	Paving	Harvest Hill Road	111,898					
Roadways	Paving	Area)	1,335,607					
Roadways	Paving	JUDSON ST	45,316					
Roadways	Paving	Middlebrooks Ave (Design in 2017)	-					
Roadways	Paving	Shelton Rd	80,000					
Roadways	Paving	TELLER RD (up to Beach Hill)	95,923					
Roadways	Paving	WOODRIDGE CIR	236,118					
Roadways	Paving	ROCKY HILL RD (S)	182,978					
Roadways	Paving	ROCKY HILL TER	238,166					
Roadways	Paving	BONNIE VIEW DR	176,668					
Roadways	Paving	GLENBROOK RD	187,422					
Roadways	Paving	FRANKLIN ST	92,187					
Roadways	Paving	Hill Culvert)	100,000					
Roadways	Paving	Old Dike Road (not in 5yr CIP)	20,000					
Roadways	Paving	ABRIC DR		107,467				
Roadways	Paving	ANITA AVE		105,467				
Roadways	Paving	ARAGON DR		137,100				
Roadways	Paving	BONHEUR RD		69,533				
Roadways	Paving	CAMPBELL RD		66,453				
Roadways	Paving	CANOE BROOK RD (Dale to Madison)		88,542				
Roadways	Paving	CHATFIELD DR		261,773				
Roadways	Paving	CLAIRE PL		64,213				
Roadways	Paving	DALE RD		123,867				
Roadways	Paving	DAYTON CIR		31,964				
Roadways	Paving	ELMWOOD AVE		119,700				
Roadways	Paving	FIELDSTONE CT		79,920				
Roadways	Paving	GAYLORD RD		69,291				
Roadways	Paving	GREEN ST		65,600				
Roadways	Paving	HITCHING POST LN		59,867				
Roadways	Paving	LEIGHTON RD		84,087				
Roadways	Paving	MADISON AVE		570,000				
Roadways	Paving	MAYMONT LN		139,867				
Roadways	Paving	MERRILL RD		87,189				
Roadways	Paving	PLATTSVILLE RD		49,671				
Roadways	Paving	RANGELY DR		312,480				
Roadways	Paving	RICHFIELD RD		76,813				

CATEGORY	DESCRIPTION	LOCATION	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			Total Funding Approval	Capital Plan				
Roadways	Paving	SHELBOURNE RD		56,373				
Roadways	Paving	SHELTON RD		1,201,200				
Roadways	Paving	WALNUT AVE		106,438				
Roadways	Paving	WINSLOW RD		73,267				
Roadways	Paving	BEACH HILL DR			118,792			
Roadways	Paving	BEECH TREE CIR			75,386			
Roadways	Paving	BERRY LN			28,080			
Roadways	Paving	BLUEBERRY RD			66,133			
Roadways	Paving	BOB WHITE LN			76,667			
Roadways	Paving	BONAZZO DR			110,986			
Roadways	Paving	CALDRON DR			44,408			
Roadways	Paving	CAROLINE ST			68,945			
Roadways	Paving	CHATHAM DR			124,133			
Roadways	Paving	FOSTER AVE			50,226			
Roadways	Paving	GREAT NECK RD			359,285			
Roadways	Paving	HILLCREST RD			140,648			
Roadways	Paving	HILLSTON RD			239,333			
Roadways	Paving	INTERVALE RD			27,467			
Roadways	Paving	JUNIPER CIR			39,676			
Roadways	Paving	JUNIPER RIDGE RD			235,260			
Roadways	Paving	KNOLLCREST CT			22,720			
Roadways	Paving	KNOLLCREST DR			74,074			
Roadways	Paving	LAURIE RD			223,627			
Roadways	Paving	LEFFERT RD			284,478			
Roadways	Paving	MADISON AVE			810,000			
Roadways	Paving	MERRITT BLVD			324,132			
Roadways	Paving	OAKRIDGE RD			614,755			
Roadways	Paving	PAULINE ST			74,225			
Roadways	Paving	PEPPERIDGE RD			59,117			
Roadways	Paving	QUAIL TRL			240,423			
Roadways	Paving	REINER CIR			90,423			
Roadways	Paving	REINER DR			169,853			
Roadways	Paving	ROCKY RIDGE DR			355,182			
Roadways	Paving	ROLLING WOOD DR			353,826			
Roadways	Paving	ROUND HILL RD			277,574			
Roadways	Paving	STELLA ST			144,954			
Roadways	Paving	STIRRUP DR			50,493			
Roadways	Paving	TELLER RD			123,533			
Roadways	Paving	TOPAZ LN			106,055			
Roadways	Paving	VAZZANO PL			80,281			
Roadways	Paving	WILDFLOWER LN			78,472			
Roadways	Paving	WOODMERE DR			256,102			
Roadways	Paving	BASSICK RD				178,267		
Roadways	Paving	BIRCH ST (S)				60,933		
Roadways	Paving	BOLIN CIR				37,859		
Roadways	Paving	BROADWAY				73,802		

			CY 2019					
CATEGORY	DESCRIPTION	LOCATION	CY 2019 Total Funding Approval	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
Roadways	Paving	BROCK ST				35,933		
Roadways	Paving	CEDAR CREST RD				63,709		
Roadways	Paving	CHESTNUT ST				107,067		
Roadways	Paving	COLONY AVE				174,907		
Roadways	Paving	DANIELS FARM RD				2,159,990		
Roadways	Paving	DUNELLEN RD				77,187		
Roadways	Paving	FAIRCHILD CIR				43,237		
Roadways	Paving	FAIRCHILD RD				254,220		
Roadways	Paving	GARDEN ST				158,933		
Roadways	Paving	GROVE ST				186,400		
Roadways	Paving	INWOOD RD				154,093		
Roadways	Paving	JOG HILL RD				253,493		
Roadways	Paving	OLD ELM RD				20,463		
Roadways	Paving	OLDFIELD RD				260,358		
Roadways	Paving	ORCHARD ST				188,814		
Roadways	Paving	ROCKY HILL RD (N)				84,056		
Roadways	Paving	SEQUOIA RD				24,533		
Roadways	Paving	SPRINGWOOD DR				125,332		
Roadways	Paving	WHIPPOORWILL LN				39,867		
Roadways	Paving	WILLIAMS RD				1,135,256		
Roadways	Paving	WILMOT AVE				55,600		
Roadways	Paving	WOOLSLEY AVE				183,254		
Roadways	Paving	APPLE ORCHARD LN					39,573	
Roadways	Paving	ASBURY RD					101,640	
Roadways	Paving	BONITA AVE					86,697	
Roadways	Paving	BULL FROG LN					112,000	
Roadways	Paving	CANTERBURY LN					244,347	
Roadways	Paving	CRABAPPLE RD					112,280	
Roadways	Paving	EAST LAKE RD					61,976	
Roadways	Paving	EDDIE RD					73,946	
Roadways	Paving	EDITH ST (W)					26,357	
Roadways	Paving	FERN CIR					139,222	
Roadways	Paving	FLINT ST					102,169	
Roadways	Paving	FRELMA DR					86,436	
Roadways	Paving	GARLAND CIR					141,912	
Roadways	Paving	GARWOOD RD					313,934	
Roadways	Paving	GIBSON AVE					154,280	
Roadways	Paving	HISTON RD					115,067	
Roadways	Paving	HORSE TAVERN RD					208,600	
Roadways	Paving	JEROME AVE					209,689	
Roadways	Paving	LAKE AVE					630,653	
Roadways	Paving	LILLIAN DR					263,947	
Roadways	Paving	LINDEMAN DR					208,583	
Roadways	Paving	LINLEY RD					210,267	
Roadways	Paving	MACARTHUR RD					113,545	
Roadways	Paving	OAKVIEW DR					204,960	
Roadways	Paving	OLD COACH LN					62,720	
Roadways	Paving	OLD TOWN RD (C)					108,649	
Roadways	Paving	PARK LN					364,877	
Roadways	Paving	PETERS RD					88,133	
Roadways	Paving	READING RD					105,280	

CATEGORY	DESCRIPTION	LOCATION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			Total Funding Approval					
Roadways	Paving	REGINA ST					215,289	
Roadways	Paving	RESERVOIR AVE					488,406	
Roadways	Paving	RUTH ST					137,600	
Roadways	Paving	TWIN BROOKS DR					251,348	
Roadways	Paving	TWITCHGRASS RD					332,947	
Roadways	Paving	WISTERIA DR					160,511	
Roadways	Paving	ASCOLESE RD						218,039
Roadways	Paving	BEARDSLEY PKWY						581,887
Roadways	Paving	BITTERSWEET LN						96,000
Roadways	Paving	CATHERINE ST (S)						166,009
Roadways	Paving	CRESCENT LN						122,702
Roadways	Paving	GWENDOLYN DR						74,433
Roadways	Paving	MADISON AVE						337,269
Roadways	Paving	RIVERSIDE DR						67,291
Roadways	Paving	SPRING HILL RD						163,145
Roadways	Paving	STERLING RD						325,078
Roadways	Paving	TASHUA RD						142,290
Roadways	Paving	TECHNOLOGY DR						137,566
Roadways	Paving	TREFOIL DR						218,854
Roadways	Paving	TURNEY PL						62,527
Roadways	Paving	WALKER RD						164,764
Roadways	Paving	WHITEFIELD DR						79,333
Roadways	Paving	WHITNEY AVE						114,173
Roadways	Paving	WOOD AVE						179,867
Roadways	Paving	Drainage	1,050,000	1,050,000	1,400,000	1,400,000	1,400,000	850,000
Roadways	Paving	Video Inspection for Plan Year Roads	80,000	80,000	100,000	100,000	100,000	75,000
			-					
GRAND TOTAL			4,132,283	5,338,141	8,119,722	7,637,564	8,164,132	4,176,228

Note Road paving for proposed sewer projects

BUILDING	CATEGORY	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			CY 2019 Total Funding Approval					
			-					
Trumbull Library	Mechanical	50 Ton Condenser Unit	180,000					
Trumbull Library	Construction	Construction and library modernization	-		3,000,000	3,000,000		
Trumbull Library	Mechanical	Replace security and fire alarm system (non-proprietary system)	-	42,000				
Trumbull Library	Site Construction	Parking Lot Expansion for 35 spaces	-		110,000			
Trumbull Library	Mechanical	Replace BMS (Building Management System)	-				30,000	
Total Trumbull Library			180,000	42,000	3,110,000	3,000,000	30,000	-
			-					
Town Hall	Construction	TH upgrades, dept relocations & service counter accessibility	175,000					
Town Hall	Construction	Sidewalk replacement	25,000	25,000	25,000	25,000		
Town Hall	Construction	Tax collector security counters		80,000				
Town Hall	Mechanical	Consulting services for plans & specs to replace HVAC system	-	25,000				
Town Hall	Mechanical	Replace HVAC system	-	300,000				
Town Hall	Construction	Restroom Renovations - ADA compliant (2)			260,000			
Town Hall	Finishes	Floor Tiling	-	-				44,000
Total Town Hall			200,000	430,000	285,000	25,000	-	44,000
			-					
Police Headquarters	Misc.	Garage Doors repairs	15,000	-				
Police Headquarters	Mechanical	Connect HVAC system to BMS (Building Management System)	-		30,000			
Police Headquarters	Misc.	Bathroom Renovations (upstairs)	-	-		70,000		
Total Police Headquarters			15,000	-	30,000	70,000	-	-
			-					

BUILDING	CATEGORY	DESCRIPTION	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			<i>CY 2019 Total Funding Approval</i>					
			-					
Senior Center	Design	Sr. Center redesign & renovation feasibility study	-					
Senior Center	Masonry	Exterior Walls - Below Ground Level	12,000					
Senior Center	Masonry	Repoint/Clean/Seal Exterior Walls Above Ground Level	35,000					
Senior Center	Construction	Sr. Center design & community approval efforts	-	950,000				
Senior Center	Construction	Sr. Center construction	-		6,500,000	6,500,000		
Senior Center	Mechanical	Replace A/C in multi-purpose room	-		50,000			
Senior Center	Construction	Renovate 2nd floor kitchen	-		250,000			
Senior Center	Mechanical	Elevator modernization and upgrades (2)	-		200,000	200,000		
Senior Center	Construction	Install handicap ramps and ADA door opener			33,000			
Senior Center	Paving	New parking lot - paving			170,000			
Senior Center	Paving	Existing parking lot - paving			370,000			
Senior Center	Construction	Replace windows at Social Services			55,000			
			-					
Total Senior Center			47,000	950,000	7,628,000	6,700,000	-	-
			-					
Public Works Yard	Construction	Shingle Roof replacement - Garage building	58,500					
Public Works Yard	Construction	Town Yard Garage maintenance/replacement/culvert	-	450,000				
Public Works Yard	Construction	Structural improvements to plow garage #2 and bay door replacement	-	175,000				
Public Works Yard	Construction	Siding replacement building #6	-		82,000			
Public Works Yard	Construction	Emergency stairwell installation building #6	-		80,000			

BUILDING	CATEGORY	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			CY 2019 Total Funding Approval					
			-					
			-					
Total Public Works Yard			58,500	625,000	162,000	-	-	-
			-					
EMS Building	Site Construction	Reconfiguration/Expansion Design	-	50,000				
EMS Building	Site Construction	Reconfiguration/Expansion	-		2,000,000			
EMS Building	Mechanical	RTU Rooftop Unit Replacement	-			54,000		
			-					
Total EMS Building			-	50,000	2,000,000	54,000	-	-
			-					
Helen Plumb Building	Mechanical	HVAC system replacement	-	80,000				
Helen Plumb Building	Site Construction	Window replacement	-		90,000			
Helen Plumb Building	Site Construction	Roof replacement	-			60,000		
			-					
Total Hellen Plumb Building			-	80,000	90,000	60,000	-	-
			-					
Transfer Station	Site Construction	Road Widening ***	735,000					
Transfer Station	Site Construction	Concrete Slab repair ^{-a)}	-	45,000				
Transfer Station	Mechanical	Transfer Station generator ^{-a)}	-	155,500				
Transfer Station	Site Construction	Roof replacement ^{-a)}	-		140,000			
Transfer Station	Site Construction	Pre-fabricated salt shed ^{-a)}	-	30,000				
			-					
Total Transfer Station			735,000	230,500	140,000	-	-	-
			-					

BUILDING	CATEGORY	DESCRIPTION	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			<i>CY 2019 Total Funding Approval</i>					
			-					
Townwide	Construction	Townwide sidewalk repairs	-	80,000				
			-					
			-					
Total Townwide			-	80,000	-	-	-	-
GRAND TOTAL			1,235,500	2,487,500	13,445,000	9,909,000	30,000	44,000

*** Total project \$1,225,000 → Trumbull portion 60%, TEAM portion 40%

a) TEAM expense

CATEGORY	LOCATION	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			<i>CY 2019 Total Funding Approval</i>					
Athletic Fields	Indian Ledge	New Construction of multi-purpose artificial field with lighting	-	1,500,000				
Total Athletic Fields			-	1,500,000	-	-	-	-
Irrigation	Twin Brooks	Irrigation (replacement)	-		25,000			
Irrigation	Bills Property	New irrigation system at Mary Bill's Field	-			25,000		
Total Irrigation			-	-	25,000	25,000	-	-
Parks	Various Locations	Pavilion Roof Replacements (4)	64,000					
Parks	Gunther Park	Dredging Construction	278,000					
Parks	Various Locations	Rest Room Upgrades - Roof, Lighting & Plumbing (7)	56,000	56,000	56,000			
Parks	Various Locations	Wooden guardrail and installation	100,000	50,000	50,000			
Parks	Bills Property	Bills Property Design	-		50,000			
Parks	Bills Property	Bills Property Development	-		200,000			
Parks	Indian Ledge	Sprinkler park replacement	-		200,000			
Parks	Twin Brooks	Dredging - Design	-	45,700				
Parks	Twin Brooks	Dredging	-		500,000			
Parks	Beaches Pool	Sprinkler park replacement	-				300,000	

CATEGORY	LOCATION	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			CY 2019 Total Funding Approval					
Parks	Kaatz Pond	Dredging	-		286,000			
Parks	Abraham Nichols Barn	Roofing, windows, doors replacing, exterior paint	-		60,000			
Parks	Design	Veteran's center design	-	200,000				
Parks	Construction	Veteran's center construction ^{-a)}	-			2,000,000		
			-					
Total Parks			498,000	351,700	1,402,000	2,000,000	300,000	-
			-					
Paving	Indian Ledge	Partial paving	194,861					
Paving	Indian Ledge	Paving (phase 1)		865,000				
Paving	Indian Ledge	Paving (phase 2)			273,000			
Paving	Indian Ledge	Paving (phase 3)				468,000		
Paving	Indian Ledge	Paving (phase 4)					516,000	
Paving	Unity Park	Drainage / Paving	-		840,000			
Paving	Twin Brooks	Drainage / Paving	-	500,000	500,000	877,000		
Paving	Old Mine/Counseling Center	Drainage / Paving (parking lots, driveway and roadway)			1,180,560			
Paving	Abraham Nichols Barn/Park	Paving	-		405,000			
Total Paving			194,861	1,365,000	3,198,560	1,345,000	516,000	-
			-					

CATEGORY	LOCATION	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			CY 2019 Total Funding Approval					
Pools	Tashua Pool	Complete pool design/upgrades and renovation - design	-	165,000				
Pools	Tashua Pool	Complete pool design/upgrades and renovation - construction	-		935,000			
Pools	TBD	Aquatics Facility / Improvements design/surveys	-	950,000				
Pools	TBD	Aquatics Facility / Improvements	-		5,000,000	5,000,000		
Total Pools			-	1,115,000	5,935,000	5,000,000	-	-
			-					
Tennis	Unity	Tennis/Pickleball Court Replacement	-	375,000				
Tennis	Tashua	Tennis Court Replacement (Courts # 1-4)	-	375,000				
Tennis	Tashua	Tennis Court Replacement (Court # 5-8)	-		375,000			
Tennis	Tashua	Tennis Court Lighting (Courts # 5-8)	-		200,000			
Tennis	Island Brook	Tennis Court Replacement (3)	-		300,000			
Tennis	Nothnagle	Tennis Court Replacement (2)	-				210,000	
Total Tennis			-	750,000	875,000	-	210,000	-
GRAND TOTAL			692,861	5,081,700	11,435,560	8,370,000	1,026,000	-

^{-a)} **Potential Grant for Veteran Center Construction**

						CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
DEPT	CURRENT PLATE	Make	MODEL / DESCRIPTION	YEAR	VIN (current vehicle)	CY 2019 Total Funding Approval	Capital Plan				
EMS			AMBULANCE - Sprinter			-	120,000				
<i>EMS</i>			<i>AMBULANCE - BOX</i>					<i>200,000</i>	<i>207,000</i>	<i>214,245</i>	<i>221,744</i>
EMS Total						-	120,000	200,000	207,000	214,245	221,744
Emergency Management	Replacing: 155TR	TBD	MOBILE COMMAND CENTER ^{-a)}	2006	1R9US24236B295798	-					800,000
Emergency Management Total						-	-	-	-	-	800,000
Highway	Replacing: 61TR/63TR/69TR/47TR/58TR/96TR	INTERNATIONAL	FREIGHTLINER SNOWPLOW/SANDER	1992-2002	Various	-	400,000	210,000	216,000	222,000	229,000
Highway	NEW	STETCO	CATCH BASIN CLEANER	N/A		-	120,000				
Highway	Replacing: 283TR	TBD	4900 4X2 - CRANE TRUCK	1992	1HTSDPPN3NH453421	-	150,000				
Highway	Replacing: 162TR/118TR	TBD	RUBBER TIRE LOADER	1988	33Z03110/L60EV60199	-		171,150		179,708	
Highway	NEW	TBD	TELEHANDLER	N/A		-			80,000		
Highway	Replacing: 166TR	TBD	ROLL OFF TRUCK	1996		-	200,000				
Highway Total						-	870,000	381,150	296,000	401,708	229,000

DEPT	CURRENT PLATE	Make	MODEL / DESCRIPTION	YEAR	VIN (current vehicle)	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
						<i>CY 2019 Total Funding Approval</i>					
						-					
Parks	NEW		Multi-One articulated Tractor with a Zaugg snow blower			91,300					
Parks	Replacing: JD110	TBD	Tractor/loader	2004	Replacing John Deere - JD110 - LV0110T311312	-		93,800			
Parks	Replacing: 217TR	INTERNATIONAL	Hook Lift Truck	2006		-	200,000				
						-					
Parks Total						91,300	200,000	93,800	-	-	-
Tricaster System for Live streaming							36,000				
GRAND TOTAL						91,300	1,226,000	674,950	503,000	615,953	1,250,744

^{a)} Department of Emergency Management will seek grant funding from multiple sources to help absorb costs of mobile Command Center. Grant amounts unknown at this time.

CATEGORY	LOCATION	DESCRIPTION	CY 2019	CY 2020 Capital Plan	CY 2021 Capital Plan	CY 2022 Capital Plan	CY 2023 Capital Plan	CY 2024 Capital Plan
			<i>CY 2019 Total Funding Approval</i>					
Economic Development	Trumbull Center	Construction of Boulevard Project	-			4,450,000		
Economic Development	Long Hill Green	Modernization of Long Hill Green ¹	72,000					
Economic Development	Pequonnock River Trail Extension to Church Hill Road	Design - PRT Trail Head ³	-			180,000		
Economic Development	Pequonnock River Trail Extension to Church Hill Road	Construction- PRT Trail Head ³	-				1,801,000	
Economic Development	Church Hill Road/Quality Road Intersection Improvements	Construction - Church Hill Road/Quality Road Intersection Improvements (Design/Construction)	-		144,587	1,277,182		
Economic Development	Long Hill Green - Connection'	Long Hill Connectivity - Design/Construction Connection from Whitney To Govenors Ridge & Former Marissa's Restaurant ⁵	<i>62,000</i>		415,000			
Economic Development	Long Hill Green - Patio/Parking	Long Hill Green - Installation of Patio and Parking within the existing parking area ⁶	100,000					
Economic Development	White Plains Road - Trail Connection	Design -Sidewalk connection from State Parking Lot to Twin brooks Park on WhitePlains road ⁷	-		160,800			
Economic Development	White Plains Road - Trail Connection	Construcion - Sidewalk connection from State Parking Lot to Twin brooks Park on WhitePlains road ⁷	-			804,000		
Economic Development	Dunellen to Trail	Design - Sidewalk design Dunellen to Trail	-	Placeholder				
Economic Development	Dunellen to Trail	Construcion - Sidewalk design Dunellen to Trail	-		560,000			
Economic Development	Whitney Avenue sidewalk	Whitney Avenue Sidewalk design	-	Placeholder				
Economic Development	Whitney Avenue sidewalk	Whitney Avenue Sidewalk construction	-		560,000			
Economic Development	Bicycle and pedestrian master plan	Bicycle and pedestrian master plan	-		100,000	100,000		
Economic Development	Mall planning study	Trumbull Mall Area/Southern Gateway Planning Study	-	50,000				
Economic Development Total			234,000	50,000	1,940,387	6,811,182	1,801,000	-
Engineering	Wildwood Drive	Wildwood Drive Drainage Evaluation	-					
Engineering	Colony Road	Sedimentation Removal Construction	-		387,402			
Engineering	Chestnut Hill Road (LOTICIP GRANT) ⁴	Roadway Improvements	1,319,530					
Engineering	Strobel Road (LOTICIP GRANT) ⁴	Roadway Improvements	6,384,000					
Engineering	Daniels Farm Road	Drainage Design	250,000					
Engineering	Daniels Farm Road	Drainage Improvements	-		1,510,000			
Engineering	Daniels Farm Road	Roadway Improvements	-	-		2,159,990		

CATEGORY	LOCATION	DESCRIPTION	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024
			Total Funding Approval	Capital Plan	Capital Plan	Capital Plan	Capital Plan	Capital Plan
WPCA	Reservoir Ave and Old Town Pump Station	Pump Station Construction	3,780,621	-				
WPCA	Whitney Ave Pump Station	Pump Station Upgrades Design	-	241,000				
WPCA	Whitney Ave Pump Station	Pump Station Upgrades Rehabilitation	-			1,200,000		
WPCA	Merritt Boulevard Pump Station	Pump Station Design	-		150,000			
WPCA	Merritt Boulevard Pump Station	Pump Station Rehabilitation	-				1,200,000	
WPCA	Contract V	Sanitary Sewer Construction	-		4,950,000			
			-					
Total WPCA			3,780,621	241,000	5,100,000	1,200,000	1,200,000	-
			-					
GOLF	Tashua Knolls	Clubhouse Feasibility/Architect	-		58,679	80,664	79,679	250,000
GOLF	Tashua Knolls	Faiway mover - Toro Reelmaster	-		58,679	58,679		
GOLF	Tashua Knolls	Toro Greenmaster TriFlex mower	-			21,985	55,679	
GOLF	Tashua Knolls	Faiway aerator - Toro ProCore	-				24,000	
			-					
GOLF	Tashua Knolls	Renovation and expansion of Hole 14 and 17 tee complex	-					
			-					
Total Golf			-	-	117,358	161,328	159,358	250,000
GRAND TOTAL			3,780,621	241,000	5,217,358	1,361,328	1,359,358	250,000

2020-2021 Capital Request Summary

Hillcrest Middle School

Asbestos Abatement-\$40,000

This is the fifth year of a systematic approach to dealing with the Asbestos in our schools, in the past this process was reactive rather than proactive. We have developed an inventory at each school and a plan to systematically remove asbestos flooring and insulation from our schools.

Remove ext. concrete shade panels - \$92,000

The concrete shades are degrading at connection points to building and between their connections to each other. Eventually they will become a safety issue, additionally they will have to be removed in order complete a window replacement project.

Madison Middle School

Asbestos Abatement- \$75,000

This is the fifth year of a systematic approach to dealing with the Asbestos in our schools, in the past this process was reactive rather than proactive. We have developed an inventory at each school and a plan to systematically remove asbestos flooring and insulation from our schools.

Electrical Infrastructure upgades- \$175,000

This funding request is to update electrical distribution and sub panels that are original to the school. Over the years with the additional computers and AC units the building was not designed for has created capacity issues within the aging infrastructure.

Middlebrook Elementary School

Daniels Farm Elementary School

Asbestos Abatement-\$45,000

This is the fourth year of a systematic approach to dealing with the Asbestos in our schools, in the past this process was reactive rather than proactive. We have developed an inventory at each school and a plan to systematically remove asbestos flooring and insulation from our schools

Jane Ryan Elementary School

Asbestos Abatement-\$50,000

This is the fourth year of a systematic approach to dealing with the Asbestos in our schools, in the past this process was reactive rather than proactive. We have developed an inventory at each school and a plan to systematically remove asbestos flooring and insulation from our schools.

Parking Lot – Sidewalks/Driveway - \$1,350,000

This funding will address sidewalk replacement as required, drainage improvements and new pavement at Jane Ryan School. This project may be phased depending on conditions of drainage.

Booth Hill Elementary School

Asbestos Abatement-\$25,000

This is the fourth year of a systematic approach to dealing with the Asbestos in our schools, in the past this process was reactive rather than proactive. We have developed an inventory at each school and a plan to systematically remove asbestos flooring and insulation from our schools.

Trumbull High School

ADA Field compliance - \$175,000

This additional funding is in addition to \$105,000 that was approved last year and work that was accomplished this summer. Additional work other than what was identified by Park and Rec is necessary in order to be in compliance with ADA.

Long Hill Administration Building

New Administration Building - \$3,900,000

This is an estimate that was developed to replace the Long Hill Admin building additionally we have been carrying for four years now approximately \$1,095,000 to affect repairs to roof, paving, drainage and HVAC.

Build Data Center at High School - \$175,000

In order to be prepared for moving or building failures at Long Hill it will be necessary to plan for moving the Data Center into the High School.

Long Hill Building



TRUMBULL BOARD OF ADMIN / OFFICE

1/8 = 1'-0"



Trumbull Board of Education
New Admin Building Madison Ave, Trumbull, Ct.
Master Control Budget May 2, 2018

I. CONSTRUCTION COSTS (HARD COSTS) Total Sq. Ft.

	Units	Cost
CONSTRUCTION COST ()		\$ 2,836,670
11750	sf	
Subtotal Construction Costs	241.42	\$ 2,836,670
9 Excess Liability		\$ -
10. State of Ct. Permit Fee 0.17%		\$ 4,822
11. Building Permit Fees 1.70%		\$ 48,223
12. General Conditions		in cost
13. Construction Management Reimbursable		
14. Bonds 1.300%		\$ 36,877
15. Construction Management Fee 6.00%		\$ 170,200
A/E fee design 6.00%		\$ 170,200
16. Construction Contingency 5.00%		\$ 141,834
17. Design Contingency 0.00%		\$ -
18. Escalation Contingency 0.00%		\$ -
SUBTOTAL OF CAPITAL CONSTRUCTION COSTS	290.11	\$ 3,408,826

II. OTHER CAPITAL COSTS

1. Furniture		\$ 50,000
2. Technology/Computers (cabling included in construction costs)		\$ 50,000
3. Data/T.V. Cabling		\$ -
4. Phone System and Cabling		\$ -
		\$ -
SUBTOTAL OF OTHER CAPITAL COSTS		\$ 100,000

SUBTOTAL OF EXPENSES ABOVE \$ -

IV. Legal, Administrative, Bonding Costs, Short Term Financing (allow)

V. PROJECT OWNER'S CONTINGENCY

TOTAL PROJECT CONSTRUCTION COST: \$ 3,508,826

Trumbull Bd of Education
New Admin Building



ARCH
DATED May 2, 2018
BISMARK CONSTRUCTION COMPANY
203 - 876 - 8331

BISMARK

BCC

12,000 square ft

DESCRIPTION	DIVISION OF WORK SUBTOTALS	SF COST
10 00 00 GENERAL CONDITIONS	\$ 218,300.00	\$ 18.19
02 00 00 SELECTIVE DEMOLITION	\$ -	\$ -
03 00 00 CONCRETE WORK	\$ 185,600.00	\$ 15.47
04 00 00 MASONRY	\$ 205,000.00	\$ 17.08
05 00 00 METALS	\$ 240,000.00	\$ 20.00
06 00 00 WOOD, PLASTICS, AND COMPOSITES	\$ 115,000.00	\$ 9.58
07 00 00 THERMAL AND MOISTURE PROTECTION	\$ 51,400.00	\$ 4.28
08 00 00 DOORS AND WINDOWS	\$ 189,150.00	\$ 15.76
09 00 00 FINISHES	\$ 345,800.00	\$ 28.82
10 00 00 SPECIALTIES	\$ 14,720.00	\$ 1.23
11 00 00 EQUIPMENT	\$ 8,000.00	\$ 0.67
12 00 00 FURNISHINGS	\$ 16,000.00	\$ 1.33
13 00 00 SPECIAL CONSTRUCTION		
14 00 00 ELEVATOR SYSTEMS	\$ 80,000.00	\$ 6.67
15 00 00 SPRINKLER SYSTEMS	\$ 84,000.00	\$ 7.00
22 00 00 PLUMBING	\$ 180,000.00	\$ 15.00
23 00 00 HVAC	\$ 336,000.00	\$ 28.00
26 00 00 ELECTRICAL	\$ 288,000.00	\$ 24.00
31 00 00 EARTHWORK	\$ 279,700.00	\$ 23.31
SUBTOTAL:	\$ 2,836,670.00	\$ 236.39

PROJECT **New Admin Building Bd of Ed**
Trumbull

Project duration 11 months
project size 12,000 sf



CONSTRUCTION MANAGERS
203-876-8331

New Administration Building

ARCHITECT

DATED **August 10, 2016**
25% drawings

BISMARK CONSTRUCTION COMPANY
Construction Document Phase Estimate

Item	DESCRIPTION	QUANT U/M	MATERIAL TOTAL	LABOR TOTAL	EQUIPMENT TOTAL	UNIT COST	TOTAL COST
010000 GENERAL CONDITIONS							
	Site Superentendant	45 u	\$126,000			\$2,600 \$	126,000.00
	Project manager - assigned	45 u	\$22,500			\$500 \$	22,500.00
	Field Office - Trailer	11 mths	\$13,200			\$1,200 \$	13,200.00
	Field engineering - surveying	1 ls	\$10,000			\$10,000 \$	10,000.00
	Telephone / Computer equipment	11 mths	\$1,760			\$160 \$	1,760.00
	CONSTRUCTION DEBRIS REMOVAL	10 u	\$7,500			\$750 \$	7,500.00
	CONTINUOUS CLEANING ALLOWANCE	200 HRS	\$13,600			\$68.00	\$13,600
	TEMPORARY TOILETS	11 mths	\$1,430			\$130 \$	1,430.00
	PROJECT SIGN	- u	\$0			\$2,500 \$	-
	TEMPORARY WATER	- mths	\$0			\$0 \$	-
	TEMPORARY POWER (see electrical)	- mths	\$0			\$0 \$	-
	SAFETY / OSHA	11 mths	\$2,750			\$250.00 \$	2,750.00
	FINAL CLEANING SERVICE	12,000 sf	\$4,560			\$0.38 \$	4,560.00
	TEMPORARY HEATING	3 mths	\$15,000			\$5,000 \$	15,000.00
10000 - General Requirements - Total:							\$ 218,300.00
020000 Selective Demolition							
020200	Interior demo	- sf	\$0			\$2.00	\$0
22000 - Demolition - total:							\$ -
310000 EARTHWORK							
310301	Cleaning and Grubbing	1 ls	\$15,000			\$15,000 \$	15,000.00
310301.1	Rock removal Allowance	1 ls	\$5,000			\$5,000 \$	5,000.00

	strip and stock pile top soil	1 ls	\$8,000	\$8,000	\$	8,000.00
310302	Erosion control					
	tracking pad	1 ls	\$3,000	\$3,000	\$	3,000.00
	silt fence	- lf	\$5,000	\$5,000	\$	5,000.00
	inlet protection maintenance	- ls	\$2,500	\$2,500	\$	2,500.00
310303	Security fencing	- lf	\$0	\$0	\$	-
310304	Remove bituminous	- sf	\$0	\$0	\$	-
310305	Earth work	1 ls	\$75,000	\$75,000	\$	75,000.00
	Structural fill at foot print for slab on grade	650 cy	\$18,200	\$28	\$	18,200.00
310306	Storm Systems / Detention system	1 ls	\$40,000	\$40,000	\$	40,000.00
310307	Sanity work	1 ls	\$10,000	\$10,000	\$	10,000.00
310308	New Water services 8" & 4"	1 ls	\$10,000	\$10,000	\$	10,000.00
310309	Site Concrete	1 ls	\$25,000	\$25,000	\$	25,000.00
310310	New Bit. Paving & Curbs	1 ls	\$45,000	\$45,000	\$	45,000.00
310312	Landscaping and seeding	1 ls	\$18,000	\$18,000	\$	18,000.00

31000 - EARTHWORK - total: \$ 279,700.00

030000 CONCRETE WORK

030001	Concrete Foundations	320 lf	\$89,600	\$280	\$	89,600.00
032000	Concretye slabs - 2 floors	12,000 sf	\$96,000	\$8	\$	96,000.00

030000 - Concrete - Total: \$ 185,600.00

040000 MASONRY

040002	Masonry elevator shaft	1 ls	\$45,000	\$45,000	\$	45,000.00
040010	Exterior Brick Veneer	5,000 sf	\$160,000	\$32	\$	160,000.00

04000 MASONRY TOTAL: \$ 205,000.00

050000 STEEL WORK

050001	Structural Steel frame	1 ls	\$180,000	\$180,000	\$	180,000.00
05500	Misc. Metal stair / railings	1 ls	\$60,000	\$60,000	\$	60,000.00

5000 - STEEL WORK: \$ 240,000.00

060000 WOOD AND PLASTIC

060502	ARCHITECTURAL CASEWORK (allowance)	1 ls	\$40,000	\$40,000	\$	40,000.00
06052	Exterior Trim	1 ls	\$60,000	\$60,000	\$	60,000.00
060555	Carpentry Misc. Blocking	1 ls	\$15,000	\$15,000	\$	15,000.00

06000 - Woods and Plastic \$ 115,000.00

070000 THERMAL AND MOISTURE

070842	FIRE SAFING	1	ls	\$4,000	\$4,000	\$	4,000.00
070920	JOINT SEALANTS	1	ls	\$5,000	\$5,000	\$	5,000.00
070888	Roof shingles	80	square	\$42,400	\$530	\$	42,400.00

07000 - Thermal and Moisture \$ 51,400.00

080000 DOORS / FRAMES / HARDWARE

080110	HOLLOW METAL FRAMES 3'	25	u	\$6,250	\$250.00		\$6,250.00
080311	ACCESS DOORS	5	u	\$775	\$155		\$775.00
080466	WOOD DOORS	25	U	\$18,750	\$750		\$18,750
080467	DOOR LABOR	25	U	\$6,875	\$275		\$6,875
080710	DOOR HARDWARE	25	u	\$7,500	\$300		\$7,500
08760	Interior glass partitions	1	ls	\$25,000	\$25,000		\$25,000
08762	Entry doors vestibule	1	ls	\$25,000	\$25,000		\$25,000
080780	Exterior windows - double hung in cold form openings	50	ls	\$90,000	\$1,800		\$90,000
080800	GLAZING /door infills	3	ls	\$9,000	\$3,000		\$9,000

08710 - DOORS \$189,150.00

90000 FINISHES

090200	GYPSUM BOARD systems	1	ls	\$ 190,000.00	\$190,000	\$	190,000.00
090512	ACOUSTICAL PANEL CEILING SYSTEMS	6,000	ls	\$ 27,000.00	\$4.50	\$	27,000.00
090625	Wall and floor Tile (toilets)	4	ls	\$ 18,000.00	\$4,500.00	\$	18,000.00
090650	Vinyl flooring simulate wood	5,500	sf	\$ 44,000.00	\$8.00	\$	44,000.00
090680	CARPET	770	sy	\$ 30,800.00	\$40	\$	30,800.00
090900	PAINTING	12,000	sf	\$ 36,000.00	\$	3.00	\$ 36,000.00

9000 - FINISHES: \$ 345,800.00

100000 SPECIALTIES

100400	SIGNAGE	1	ls	\$10,000	\$10,000	\$	8,000.00
100520	FIRE PROTECTION DEVICES	6	ls	\$1,920	\$320	\$	1,920.00
100800	TOILET AND BATH ACCESSORIES (H/C)	4	LS	\$4,800	\$1,200		\$4,800.00

10000 - SPECIALTIES - TOTAL: \$ 14,720.00

110000 EQUIPMENT

110005	kitchen appliances	1	ls	\$8,000	\$8	\$	8,000.00
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11000 - EQUIPMENT - Total: \$ 8,000.00

120000 FURNISHINGS

122113	Horizontal Blinds	50	sf	\$	11,000.00	\$220.00	\$	11,000.00
124816	Entrance Mats	1	ls	\$	5,000.00	\$5,000.00	\$	5,000.00

12000 - Furnishings - Total: \$ 16,000.00

140000 CONVEYING SYSTEMS

140000 - CONVEYING SYSTEMS - Total: \$ 80,000.00

150000 SPRINKLER SYSTEM

150001	Sprinklers	12,000	sf	\$	84,000.00	\$7.00	\$	84,000.00
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210000 -Fire Protection - Total: \$ 84,000.00

220000 PLUMBING

220000	PLUMBING	12,000	ls		\$180,000	\$15.00		\$180,000
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220000 -Plumbing - Total: \$ 180,000.00

230000 HVAC

230610	HVAC PACKAGE	12,000	sf		\$336,000	\$28		\$336,000
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15000 - Mechanical - Total: \$336,000.00

260000 Electrical

260001	ELECTRICAL WORK	12,000	sf		\$240,000	\$20		\$240,000
	Data / technology	12,000	ls		\$48,000	\$4		\$48,000

16000 - Electrical - Total: \$ 288,000.00

BUILDING - TOTAL 11,760 sf \$ 2,836,670.00

BOE- Madison Detention Basin

Construction Cost Estimate
Madison Middle School Detention Basin, Trumbull, CT

BOE # 1

7/10/2019
 BOE

Major and Minor Contract Items

Item No.	Item	Unit	Quantity	Unit \$	Total Cost
1	Clearing and Grubbing	Acre	4	\$5,000.00	\$ 20,000.00
2	Excavation existing pond	CY	4,600	\$25.00	\$ 115,000.00
3	Earth Excavation expanded pond area	CY	17,000	\$18.00	\$ 306,000.00
4	Outlet Control Structure	LS	1	\$25,000.00	\$ 25,000.00
5	Drainage Piping	LF	100	\$100.00	\$ 10,000.00
6	Rip Rap protection	CY	300	\$100.00	\$ 30,000.00
7	Chain Link fencing and gates	LS	2,300	\$50.00	\$ 115,000.00
8	Straw Wattle	LF	100	\$3.00	\$ 300.00
9	Silt Sack	Ea.	5	\$225.00	\$ 1,125.00
10	Geotextile Silt Fence	LF	2,500	\$3.00	\$ 7,500.00
11	Haybale Barrier	LF	1,000	\$3.00	\$ 3,000.00
12	Construction Entrance	SY	450	\$30.00	\$ 13,500.00
13	Cofferdam	LF	100	\$400.00	\$ 40,000.00
14	Erosion Control Blanket	SY	5,000	\$5.00	\$ 25,000.00
15	Topsoil & vegetative cover	SY	17,000	\$5.00	\$ 85,000.00

A	Major Items Subtotal				\$ 796,425
B	Minor Items Subtotal	10	% of Line "A"		\$ 79,643
C	Major and Minor Contract Items Subtotal (A + B)				\$ 876,068

Other Item Allowances

Clearing and Grubbing (see above)	0	% of Line "C"	\$ -
M & P of Traffic	0.5	% of Line "C"	\$ 4,380
Mobilization	5	% of Line "C"	\$ 43,803
Construction Staking	2	% of Line "C"	\$ 17,521

D	Other Items Subtotal				\$ 65,704
E	CONTRACT SUBTOTAL (C + D)				\$ 941,772

Inflation Costs (Simple Method)

Date of Estimate	Jul-19			
Anticipated Bid Date	Jan-20			
Annual Inflation	4%			
F	Inflation Subtotal	2.0%	of Line "E"	\$ 18,835

G	TOTAL CONTRACT COST ESTIMATE (E + F) (Rounded to nearest \$1000)				\$ 961,000
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LOT/CP Project Costs Summary

Contract Cost Estimate (Line "G")		\$ 961,000
Contingencies	10%	\$ 96,100
Incidentals	10%	\$ 96,100
Surveying, Engineering and Permits	8%	\$ 76,880
Construction Administration & Observation	12%	\$ 115,320
TOTAL PROJECT COST		\$ 1,345,400

CTDOT FUNDING COMMITMENT (DATE)		\$ -
	DIFFERENCE	#DIV/0!

"This is an engineer's Opinion of Probable Construction Cost (OPCC). Tighe & Bond has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the estimates of probable construction costs are made on the basis of the Tighe & Bond's professional judgment and experience. Tighe & Bond makes no guarantee nor warranty, expressed or implied, that the bids or the negotiated cost of the Work will not vary from this estimate of the Probable Construction Cost."

**BOE - Jane
Ryan Paving**

TOWN OF TRUMBULL
ENGINEERING DEPARTMENT
--- OPINION OF PROBABLE COST ---

BOE # 2

Project : Jane Ryan
Paving Restoration Project

Date: 7/9/2018
Estimate By: WCM
Checked By: _____

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	Reclaiming	SY	13,600	2.41	\$ 32,776.00
	Calcium Chloride	Gal	2,720	1.42	\$ 3,862.00
	Binder Course (2")	tons	1725	109.29	\$ 188,525.25
	Wear Course (2")	Tons	1725	109.29	\$ 188,525.25
	Tack Coat	Gal	1364	6.67	\$ 9,097.88
	Grass Restoration landscaping	SY	3600	13.00	\$ 46,800.00
	ADA Signage	EA	5	200.00	\$ 1,000.00
	Parking Stall Line Striping	EA	68	20.00	\$ 1,360.00
	ADA Stalls	LF	3	40.00	\$ 120.00
	Cross Walks & Stop Bars	EA	2	200.00	\$ 400.00
	Line Striping	LF	1293	0.40	\$ 517.20
	Replace Concrete Curb	LF	3200	31.50	\$ 100,800.00
	Replace Concete Sidewalks	SF	6500	11.01	\$ 71,570.30
	ADA Ramps	SF	2800	18.58	\$ 52,012.80
	Ada Tactile	SF	600	18.58	\$ 11,145.60
	Replace Asphalt Curb	LF	450	9.00	\$ 4,050.00
	Replace binder	SF	2500	4.36	\$ 10,900.00
UNIT PRICE SUBTOTAL =					\$ 723,462.28

ALLOWANCES

Pipe Video Inspection			ALLOWANCE		\$ 12,000.00
Drainage repairs			ALLOWANCE		\$ 175,000.00
CB Replacement	EA	8	3500.00		\$ 28,000.00
manhole	EA	1	4500.00		\$ 4,500.00
Lighting repairs					\$ 10,000.00
ALLOWANCE SUBTOTAL =					\$ 229,500.00

UNIT PRICE + ALLOWANCE = \$ 952,962.28

LUMP SUM ITEMS

Inspection					\$ 52,000.00
Layout					\$ 2,500.00
Mobilization					\$ 4,200.00
LUMP SUM SUBTOTAL =					\$ 58,700.00

SUBTOTAL -UNIT PRICE +ALLOWANCES+ LUMP SUM = \$ 1,011,662.28

CONTINGENCY AND INCIDENTALS

Contingency & Incidents (15% x (Unit Price + Allowances + Lump Sum))					\$ 151,749.00
TOTAL =					\$ 1,163,411.28

ADD 3% ESCALATION PER YEAR - IF COMPLETED IN 2021 = \$ 1,198,314.00

Long Hill Building Paving

**BOE # 4
OPTION 1**

Project :

**BoE - Long Hill @ 6254 Main St
Paving Restoration Project**

11/21/2019

Estimate By: TS

Checked By: _____

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	Milling (2401-7800 SY)	SY	6,276	\$3.48	\$21,842
	Grading	HRs	40	\$470.00	\$18,800
	Wear Course (2")	Ton	979.1	\$109.29	\$107,008
	Tack Coat	Gal	828	\$6.67	\$5,526
	Parking Stall Line Striping	EA	80	\$20.00	\$1,600
	ADA Signage	EA	3	\$200.00	\$600
	ADA Stalls	EA	15	\$40.00	\$600
	Wheel Stops	EA	2	\$85.00	\$170
	Cross Walks & Stop Bars	EA	2	\$75.00	\$150
UNIT PRICE SUBTOTAL =					\$156,296

ALLOWANCES

Drainage	ALLOWANCE	\$	75,000.00
	ALLOWANCE		
		\$	-
ALLOWANCE SUBTOTAL =		\$	75,000.00

UNIT PRICE + ALLOWANCE =		\$	231,295.72
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LUMP SUM ITEMS

Design	\$	15,000.00
Inspection	\$	25,000.00
LUMP SUM SUBTOTAL =		\$ 40,000.00

SUBTOTAL -UNIT PRICE +ALLOWANCES+ LUMP SUM =		\$	271,295.72
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CONTINGENCY AND INCIDENTALS

Contingency & Incidents (15% x (Unit Price + Allowances + Lump Sum))		\$	40,694.36
TOTAL =		\$	311,990.07

option 1

ADD 5% ESCALATION PER YEAR - IF NOT COMPLETED IN 2020 =		\$	15,600.00
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Project :

BoE - Long Hill @ 6254 Main St
Paving Restoration Project

BOE # 4
Option 2

11/21/2019

Estimate By: TS
 Checked By: _____

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	Reclaiming	SY	6,276	\$2.41	\$15,126
	Calcium Chloride	Gal	1,255	\$1.48	\$1,858
	Grading	HRs	40	\$470.00	\$18,800
	Blinder Course (2")	Ton	979.1	\$109.29	\$107,008
	Wear Course (2")	Ton	979.1	\$109.29	\$107,008
	Tack Coat	Gal	890	\$6.67	\$5,937
	Concrete Curb	LF	1,603	\$5.18	\$8,303
	Grass Restoration landscaping	SY	1,389	\$13.00	\$18,059
	Parking Stall Line Striping	EA	80	\$20.00	\$1,600
	ADA Signage	EA	3	\$200.00	\$600
	ADA Stalls	EA	15	\$40.00	\$600
	Wheel Stops	EA	2	\$85.00	\$170
	Cross Walks & Stop Bars	EA	2	\$75.00	\$150
				UNIT PRICE SUBTOTAL =	\$285,219

ALLOWANCES

Drainage	ALLOWANCE	\$	75,000.00
	ALLOWANCE		
		\$	-
		ALLOWANCE SUBTOTAL =	\$ 75,000.00

		UNIT PRICE + ALLOWANCE =	\$ 360,218.87
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LUMP SUM ITEMS

Design		\$	15,000.00
Inspection		\$	25,000.00
		LUMP SUM SUBTOTAL =	\$ 40,000.00

		SUBTOTAL -UNIT PRICE +ALLOWANCES+ LUMP SUM =	\$ 400,218.87
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CONTINGENCY AND INCIDENTALS

Contingency & Incidents (15% x (Unit Price + Allowances + Lump Sum))		\$	60,032.83
		TOTAL =	\$ 460,251.70

Option 2

		ADD 5% ESCALATION PER YEAR - IF NOT COMPLETED IN 2020 =	\$ 23,013.00
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**BOE - Bus
Garage Parking Lot**

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

DEPARTMENT

BOE - Bus Garage

Provide narrative to describe and justify the requested project and answer the following questions as applicable.
The objective of this project is to add a new parking lot adjacent to the existing bus garage. The new parking lot will provide parking for employees. Currently the depot has inadequate and insufficient parking for staff; bus drivers park alongside Spring Hill Road and any where they are able to find a spot within the depot. This creates unsafe parking conditions and is highly inefficient as vehicles are spread out over many areas of the garage and public road.

Estimates are based on discussions with engineering consulting firms.

What existing facilities or conditions will be affected by the project? How will this project improve these?

Bus Garage, Spring Hill Road.

Will this project necessitate staffing increases?

No.

What is the general plan and timeline for completion?

2020-2021

Are there any outside funding sources, e.g., grants?

No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	
Parking lot design and permitting	30,000					30,000
Parking lot construction		500,000				500,000
						-
						-
						-
						-
						-
						-
						-

BOE#3

BOE#3

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

**CAPITAL IMPROVEMENT PLAN
NARRATIVE
2020-2024**

Summaries are listed below.

STANDARD DEFINITION FOR CAPITAL IMPROVEMENT

- Any acquisition or lease of land
- Purchase of major equipment or vehicles in excess of \$10,000 with life expectancy 5+ years
- Construction of new building facilities with cost in excess of \$10,000
- Major building improvements with a cost in excess of \$10,000
- Major equipment or furnishings in excess of \$10,000

BOARD OF EDUCATION

The Board of Education Facilities Director, Mark Deming, BOE Facilities Manager, prepared the plan. Town of Trumbull Engineer developed quotes for school paving projects.

ROADWAYS

Streets were prioritized based on wear, safety, and usage. Cost includes much needed drainage repairs where indicated due to severe deterioration, asphalt, tack, catch basin, manholes, curbing as needed, grading/compacting, loading and trucking of excess material, in addition to an estimate for shoulder restoration charges that will be incurred. Video Inspection was also included for each year. Estimates based on current pricing for milling/reclaiming and asphalt. An additional line item was added each year to cover the cost of any additional drainage repairs that may be required as a result of video inspection findings.

PUBLIC FACILITIES

Costs are based on professional estimates from a report prepared by Antinozzi Associates, which was revised on September 30, 2010. Projects were reviewed and updated as necessary. Projects will be bid as required by Charter and costs are subject to change.

TRUMBULL LIBRARY

The Library Board received a space assessment from Berger Association. From this report the Board's first priority is to expand parking by approximately 35 spaces.

Construction and modernization of existing Library. The plan is to expand on the design approved in previous years to modernize the existing library and subsequent construction. This is to be done in future years.

Alarm system - \$42,000 in CY 2020. The current fire and security are outdated. Security systems become outdated in time, and new, important features are added every year. Those changes can seriously impact the effectiveness of the system. Additionally, the current alarm is a proprietary system, meaning only a select number of suppliers can service the system. Installing a new non-proprietary fire and security system ensures a safer environment for both residents and staff and provides the Town with more supplier options to maintain and support the system.

Building Maintenance System (BMS) - A BMS is the automatic centralized control of a building's HVAC system. Installing this type of automated centralized control system will result in improved occupant comfort, increased efficiency operation of HVAC system and reduction in energy consumption.

TOWN HALL

Town Hall - Renovations to the existing sanitary plumbing and bathroom - \$260,000 in CY 2021.

The Americans with Disabilities Act (ADA) requires modifications to many of the existing facilities within Town Hall for improved accessibility to individuals with physical limitations.

Many of the Town's service counters in the building do not comply with accessible requirements.
Tax Collector's counters - \$80,000 in CY 2020.

Replacement of HVAC system as the current system is aging and requires replacement - \$325,000 in CY 2020.

Additionally there is the need for the sidewalk replacement to provide continued safe and comfortable usage and to meet ADA accessibility standards. - \$25,000 over three years.

POLICE HEADQUARTERS

HVAC connection to BMS system and upstairs bathroom renovations \$100,000 over 2 years.

SENIOR CENTER

New Senior Center design and community approval efforts - \$950,000 in CY 2020. Subsequent construction is estimated in the following years.

Various improvements to the existing building will be required in the next several years if new construction is not approved:

Replace HVAC System in Multi-Purpose Room- The current system is becoming aged and requires replacement to provide comfortable and efficient operations.

2nd Floor Kitchen renovation - The current 2nd floor kitchen is outdated and does not meet the needs of our residents. The goal is to bring the kitchen up to health and safety standards; and to create a more relaxed comfortable eating experience for our senior community.

Elevator modernization - current elevator modernization is required in order to improve efficiency, reliability and public safety.

ADA ramp and door opener - Curb ramps are a critical element in allowing people with disabilities or our senior citizens to have full and complete access to the public right of way. This new ADA ramp and door opener will allow our residents to safely navigate and access our Sr. Center facilities.

Parking lots paving - The current parking lot shows signs of damage and it does not sufficiently meet the current needs of the staff and residents parking at the Sr. Center

Replace Windows at Social Services - windows are outdated and show evidence of deterioration due to age and weather elements. Replacing these windows with energy-efficient ones can reduce heating and cooling costs.

PUBLIC WORKS YARD

Construction - Town Yard Garage maintenance/replacement/culvert and structural improvements to plow garage- \$625,000 in CY 2020. The purpose of this project is to install a concrete culvert behind the highway garage. This will allow for the expansion of the highway garage and greater truck maneuvering around the existing highway facility.

Siding and stairwell replacement at building #6 - \$162,000 in CY 2021. The siding and stairs have major structural issues and advanced rot damage that has spread throughout the building's exterior that requires replacement. The stairwell does not conform to current fire and building codes and needs replacement in order to mitigate liability risks.

HELEN PLUMB BUILDING

HVAC system replacement- \$80,000 in CY 2020. Current HVAC system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations. Replacement to be done in partnership with UI.

Window and siding replacement - \$ 90,000 in CY 2021. Windows are outdated and show evidence of deterioration due to age and weather elements. Replacing these windows with energy-efficient ones can reduce heating and cooling costs. Some exterior areas of the building structural issues and advanced rot damage requires replacement.

Roof replacement - \$60,000 in CY 2022. The building's roof shows signs of damage due to old age and weather. Replacement is needed in order to prevent any possible damage to property.

EMS BUILDING

Site Construction reconfiguration and expansion design - \$50,000 in CY 2020. The proposed EMS facility expansion will be designed and operated so as to maintain and promote public health, safety, and general welfare. EMS provides emergency services to those in need. In recent years, the Town has recognized the need for additional and modernized space in order to serve the needs of the Town. Subsequent construction is estimated in the following years.

RTU Rooftop Unit Replacement - \$54,000 in CY 2022. Replacement of 3 packaged 3-ton units. Current HVAC system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations. Cost is based on Antinozzi Associates building inspection report.

TRANSFER STATION

Concrete Slab repair - \$45,000 in CY 2020. The concrete slab and subfloor on the commercial side of the Transfer Station has small cracks, hairline fractures moderate in nature. The structure is structurally sound but needs repairs to avoid further damage and avoid full replacement costs.

Generator - \$155,500 in CY 2020. This facility currently does not have a generator or sufficient backup power that would be necessary to keep the facility running in the event of a total power failure. The requested funds will be used to install a unit at the Transfer Station in order to avoid shut downs of this facility's operations.

Roof replacement - \$140,000 in CY 2021. The building's roof shows signs of damage due to old age and weather. Replacement is needed in order to prevent any possible damage to property.

New pre-fabricated salt shed - \$30,000 in CY 2020. Currently this facility does not have a salt shed to store material used to treat driveways/roads/parking at the transfer station after snow storms in order maintain a safe environment for residents and employees. The new salt shed will maximize the life of salt stockpiles by offering a durable, environmentally conscious, cost effective storage solution.

The above estimated costs will be funded by TEAM, Trumbull will pay 60% and Easton and Monroe will pay 40%.

TOWN WIDE

Town wide sidewalks - \$80,000 in CY 2020. Sidewalk surface conditions are making routes inaccessible, or dangerous to pedestrians. Sidewalk replacement and repairs are necessary and will cycle through the community, focusing on different neighborhoods over a number of years as repairs become necessary.

PARK IMPROVEMENTS

Indian Ledge New Artificial Field and lighting - \$1,500,000 in CY 2020.

Adding additional Synthetic Turf Athletic Fields (SAT) to the Town's inventory is a stated goal of the Parks and Recreation Department and THS Athletic Department and is supported by the community athletic organizations representing thousands of Trumbull youth athletes. SAT fields offer several advantages over traditional natural turf fields. The SAT virtually eliminates cancellation of games and practice due to weather. The quality playing surface is not compromised by overuse allowing for a much greater intensity of scheduling particularly when compared to a varsity facility in which insuring the quality of a grass surface leads to significant restrictions in scheduling. As an offset to the higher construction costs, SAT fields require a minimum of maintenance reducing labor, materials costs and emission of greenhouse gases associated with small engine maintenance equipment such as lawn mowers.

Irrigations - \$25,000 per year in CY 2021 and 2022.

Rest Room Upgrades -\$56,000 each year for two years.

The Parks and Recreation Department started in 2017 a four-year program designed to upgrade the interior of the public restrooms (2 per year) within the park system. Replacement of plumbing fixtures with automatic flush meters, exhaust fans and lights on motions sensors and timers will improve sanitary conditions and odor control while reducing utility costs and making the restrooms more welcoming for guests. Project pricing includes roof replacement. Estimate of cost is provided by Parks Department based on scope of work.

Various Locations - Wooden guardrails and installation - \$100,000 over next 2 years. The Town Parks system has various locations that have existing guard rails or other vehicle deterrents such as pipes and chains that are well past their useful life and need to be replaced.

Indian Ledge Sprinkler Park replacement - \$200,000 in CY 2020. Indian Ledge Sprinkler has a number of broken lines within its concrete pads. In order to make those repairs the entire area must be disassembled.

Kaatz Pond - Dredging construction - \$286,000 in CY 2021. Kaatz Pond Park is the site of the Old Ice House in Town. As with most of our ponds and waterways within the Parks System, this has been filled in significantly with storm water runoff creating large deltas of sand and debris.

Twin Brooks Dredging construction - \$545,700. Design will be done in CY 2020 and construction in CY 2021. As with most of our ponds and waterways within the Parks System, this has been filled in significantly with storm water runoff creating large deltas of sand and debris.

Bills Property Design & Development- \$250,000 in CY 2021. We are seeking design work to establish the creation of a new driveway that would enable two way traffic through the Huntington Road entrance to the Main Fields as well as Parking above the main Field and secondary egress through Round Hill Road.

Abraham Nichols Barn - \$60,000 in CY 2021. Due to the age of the building, roof, windows and doors need replacement.

Veteran's Center design is being requested at a cost of \$200,000 and construction funding is estimated at \$2,000,000 in a subsequent year. Inclusion in the capital plan will enable federal, state, and private grants to be pursued to fund the project

Paving and Drainage at Indian Ledge, Phase 1 - \$865,000 in CY 2020. Phases 2 through 4 will be done in subsequent years.

Paving and Drainage at various parks - \$500,000 at Twin Brooks in CY 2020. Unity Park, Twin Brooks and Old Mine/Counseling Center to be done over the subsequent 2 years.

The asphalt paved parking lots and roadways within Twin Brooks Park are well over thirty years old and are in need of replacement. The area is prone to flooding and flood damage has scoured away all of the original paving on the lower parking areas requiring costly annual patching with

reclaimed millings to maintain a functioning parking lot. Uneven and broken pavement presents potential for trip and fall incidents in one of the town's most heavily utilized facilities.

Prior to repaving the lots, a full review of the drainage components will be conducted with appropriate repairs and renovations to the storm water drainage systems which are no longer functioning effectively. The underground culverts are in a significant state of decay and the storm drain head walls are deteriorating and no longer properly direct water flow resulting in a negative impact on the adjacent natural resources. This is a necessary infrastructure maintenance project to improve the asset, and to ensure proper storm water management and public safety impacting park users and neighboring residents.

Tashua Pool – Design \$165,000 in CY 2020. Upgrades and renovations in the following year. Tashua Knolls pool has been on the five-year plan for a variety of repairs and upgrades over the last few years. This past spring the pool exhibited more significant problems requiring emergency repairs. In addition, the liner is over 17 years old and in need of replacement as are the remaining deck slabs which have settled, both of which have been scheduled for replacement in the 5-year plan.

Aquatics Facility design and surveys - \$950,000 in CY 2020 is being requested to assess potential locations for a facility and develop a conceptual design, and then construction funding is estimated for the following years.

Tennis/Pickleball Courts at Tashua and Unity – \$750,000 in CY 2020. Courts are reaching poor condition and will require replacement to assure safe playing conditions. Replacement of Tennis Courts at Tashua Courts 1 through 4 will be done in CY 2020. The remainder of the courts at Tashua, Island Brook Unity and Nothnagle will be done over the subsequent 3 years.

FLEET & EQUIPMENT

Highway and Parks equipment replacement – Estimated cost is \$1,070,000 in CY 2020.

The Highway Department replaces equipment based on usage and condition. The vehicle may have rust and erosion due to road or work conditions that require replacement sooner than the recommended useful life. The general rule is to replace this equipment every 15 to 20 years.

EMS Ambulances/Sprinters. Replacement of sprinter \$120,000 in CY 2020. Ambulance-Box replacement of 1 each of the subsequent years.

Emergency Management Command Center - \$800,000 in future years. This is a much needed asset that will be used to replace a near 20 years old towable trailer. This will make for easier deployment and have upgraded technologies that will carry Trumbull's Emergency Services well into the future. Inclusion in the capital plan will enable federal, state, and private grants to be pursued to fund the project

Trumbull Community Television – Requesting a replacement of a Tricaster System for live streaming at a cost of \$36,000 in CY 2020. This will be used to live stream town boards/commissions and other community meetings.

ECONOMIC DEVELOPMENT

The continuation of Rails to Trails project funding is coordinated with the State Department of Transportation and Connecticut Metropolitan Council of Governments (formerly Greater Bridgeport Regional Planning). LOTCIP grant for trail head/connection for Church Hill.

Trumbull Center – Construction of Boulevard Project \$4,450,000 in CY 2022.

Long Hill Connectivity – Whitney to Governors Ridge and Former Marissa’s restaurant. Grant awarded for \$415,000.

White Plains Road Trail connection from state parking lot to Twin Brooks Park on White Plains Road/ DEEP grant with town match for design \$160,800. Modifications and signage to the commuter lot to create a dedicated trail head. Installation of sidewalks to the Twin Brooks area to connect the trail in both directions and footbridge installation

Dunellen to trail and Whitney Avenue sidewalk design and construction. Design of \$100,000 in CY 2020 and construction in the subsequent years.

Bicycle and Pedestrian Master Plan to be designed and constructed in subsequent years.

Mall planning Study-Trumbull Mall/area/Southern Gateway Planning Study. Design of \$50,000 in CY 2020.

ENGINEERING

Colony Road – Sedimentation removal construction \$387,402 in CY 2021.

Daniels Farm Road-Drainage design, drainage improvements and roadway improvements \$3,669,990 over the next several years.

Town Wide Bridges- These project are being established to design the repairs identified by structure inspection of various bridges. Design in the amount of \$120,000 will be performed in CY 2020. Construction will be done over the next several years.

Old Town Road – Roadway improvements/Design and construction projected to be done in CY 2021. Inclusion in the capital plan will enable federal, state, and private grants to be pursued to fund the project.

Paving, culverts and sidewalks design and construction to various town roads. Design cost of 678,434 included in CY 2020.

ENTERPRISE

WPCA projects are provided by Town Engineer for various town wide repairs.

Whitney Avenue and Merritt Boulevard Pump Stations –The WPCA initiated a Town Wide pump station analysis and as a result, the Whitney Avenue and Merritt Boulevard design and replacement are to be done over the next several years. Design in the amount of \$241,000 is being requested in CY 2020.

WPCA Contract V sanitary sewer design and construction - \$4,950,000 in CY 2021.

Golf Course

Golf Clubhouse – Feasibility study and architect renderings will be done over the next several years.

Various Golf Course related equipment to be purchased over the next several years.

CIP 2020 - 2024

Public Facilities

Library

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Trumbull Library

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Alarm system - The current fire and security are outdated. Security systems become outdated in time, and new, important features are added every year. Those changes can seriously impact the effectiveness of the system. Additionally, the current alarm is a proprietary system, meaning only a select number of suppliers can service the system. Installing a new non-proprietary fire and security system ensures a safer environment for both residents and staff and provides the Town with more supplier options to maintain and support the system.

Parking lot expansion - as the population of the Town rapidly grows the current parking lot is inadequate in size to accommodate residents and employees.

Building Maintenance System (BMS) - A BMS is the automatic centralized control of a building's HVAC system. Installing this type of automated centralized control system will result in improved occupant comfort, increased efficiency operation of HVAC system and reduction in energy consumption.

What existing facilities or conditions will be affected by the project? How will this project improve these?

All the proposed plans will affect the main Library. The projects will increase public safety and create a more energy efficient building.

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated 2020 - 2024 construction

Are there any outside funding sources, e.g., grants?

No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	
Construction and library modernization Replace security and fire alarm system (non-proprietary system)	42,000	3,000,000	3,000,000			6,000,000
Parking lot expansion		110,000				110,000
Replace BMS (Building Management System)				30,000		30,000
						-

Pub Fac # 1

Pub Fac # 2

Pub Fac # 3

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

Library Alarm



Public Facilities # 1

L5 106051

L6 106055

1087 FEDERAL ROAD • BROOKFIELD, CONNECTICUT 06804

Tel: 203-775-8788 • www.UnitedAlarm.com • Fax: 203-775-8222

Sent Via E-Mail: awhite@trumbull-ct.org

Allen White
Town of Trumbull
Trumbull, CT

June 28, 2019

RE: Proposal for Replacement of Fire Alarm Systems- Town Hall, Library, Senior Center

Dear Allen,

United Alarm Services is committed to providing quality installations with a technical staff that is fully licensed and insured. In addition, we provide a 24 hour service and state of the art monitoring from our company owned Central Station facility in Brookfield, Connecticut.

On the following pages you will find a breakdown of the devices and costs for this proposed work. Please call me should you have any additional questions at 203 775-8788. I look forward to working with you on these projects.

Thank you,

Jimmy Corbett

Allen White
Town of Trumbull
Trumbull, CT
June 28, 2019

RE: Proposal for Replacement of Fire Alarm Systems- Town Hall, Library, Senior Center
Page 2

Upon approval, United Alarm will provide the following service and equipment:

Replacement of the Current Proprietary Fire Alarm with Addressable NON-PRORIETARY Master Fire Control Panel

Replace All Addressable Devices Within the System

Includes Labor, Programming, Devices Listed and Training

Total Installation Cost: \$35,000 per Location

added 20% for incidentals

Terms: A 50% Deposit is due prior to commencement of the work with the balance due upon completion of the scheduled work. If the project is completed in stages, progress payments would apply. Monitoring fees will be billed annually, or semi-annually, in advance plus applicable sales tax.

ACCEPTANCE OF PROPOSAL- The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. This quote is subject to a review of the insurance requirements of the buyer and that any increased cost to insure for the quoted project may be added to the price for services/materials quoted by United Alarm.

Jimmy Corbett- United Alarm Representative Subscriber Date

Peter Engstrom
19 Olmstead Hill Road
Wilton, CT 06897
RE: Proposal for Alarm System Installation
June 25, 2019
Page 3

Home Automation Available for above listed system with device options below to be controlled via ONE APP on your Smartphone Connected through the United Alarm installed system.

Z-WAVE Options with Z-Wave Module Activated (Adds \$5 to monitoring for any or all):

Polished Brass Z-Wave Lockset with Integration to System +\$245.00 each #__ Initial__
(Other finishes are available)

Integrated Digital Thermostat for Both Heating and Cooling (Installed by HVAC Contractor) +\$189.00 each #__ Initial__

Z-Wave Lamp Module (Controls any plug in device) + \$95.00 each #__ Initial__

Z-Wave Dimmer Switch (Controls any switch group) + \$76.00 each #__ Initial__

*****See Other Z-Wave Options Available at- z-wave.com*

Pub. Fac. #1

Terms:

A 50% Deposit is due prior to commencement of the work with the balance due upon completion of the scheduled work. If the project is completed in stages, progress payments would apply. Monitoring fees will be billed annually, or semi-annually, in advance plus applicable sales tax.

ACCEPTANCE OF PROPOSAL— The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. This quote is subject to a review of the insurance requirements of the buyer and that any increased cost to insure for the quoted project may be added to the price for services/materials quoted by United Alarm.

Steve Kolitz- United Alarm Representative

Subscriber

Date

Library Parking Lot

Pub Fac # 2

TThe
LTrumbull Library
System

SUEAN J. HORTON
Director

Received
8/13/16

TO: Maria T. Pires, Director of Finance
FROM: Arthur A. Kukla, Treasurer, Library Board of Trustees
RE: Five-Year Capital Plan
DATE: June 13, 2016

Attached is information requesting the construction of additional parking for the Trumbull Library located on Quality Street. This project was previously requested in 2011. Since then our lack of adequate parking for our patrons and activities has become more serious.

If you have any questions or need additional information, please contact me at 203 375-5117 or Jeannine Stauder at 203 268-3001.

Justifying the need for additional parking spaces:

When the library was built in 1974 parking was barely adequate. Since 1974, a new children's wing has been added, community room usage has increased so that there is now a shortage of available times for individuals wanting to use the room. As the population of the town has grown the library has constantly reorganized to meet the needs of the Citizens of Trumbull. A technology center with up to date computers is available, a teen area to recognize their needs, study areas, reading areas and space for the increase in printed material from technology to the best sellers. The interior of the library is constantly being reorganized to serve the changing needs of our patrons. Recently the library hosted focus groups to discuss the future of the library system. The major complaint of those attending was the severe lack of parking. Patrons have to park on street between the library and the town hall, in the town hall parking area and across the street in the Stop & Shop parking area. In 2011, the Board worked with the Public Works Dept. and other interested groups to develop a plan for an additional 35 spaces. The project was put out to bid in May 2011. Nine proposals were received. A decision by the Administration was made to reject the proposal. Since then the need for additional parking has become more acute.

Once again the Library Board is requesting funds for additional parking. There is no change in the 2011 plans. If approved the additional parking should become available during the second half of 2016.

Pub Fac # 2

**TOWN OF TOWN TRUMBULL
BID RESULTS**

RFP# 5893 PAVING OF LIBRARY PARKING LOT DUE: 05/24/11

COMPANY	TOTAL PROPOSE
D&P Construction	196,500.00
G. PIC	113,760.00
Dearing Construction	108,700.00
Cherry Hill Construction	125,584.00
R. S. Sita & Septic	88,825.00
Guerra Construction	119,000.00
B&W Paving	108,204.00
Reliable Excavating	98,914.25
Dalling Construction	134,850.00

R. Chimini, Purchasing Agent

Library
Building Maintenance
System



1180 STRATFORD ROAD
STRATFORD, CT 06615
203.334.3419
203.333.3934 FAX
WWW.MAINHVAC.COM

Pub Fac. # 3

July 10, 2019

Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Attn: Allen White

Re: Library control upgrade

Pursuant to our conversation regarding upgrade of the control system located at the **Library**, We are pleased to submit the following proposal and scope of work:

- **Provide engineering, web server, graphics, programming, wiring and wiring diagrams for the site.**
- **Provide and install controls for RTU 1, AH1, and Boiler**
- **Start and test all units.**

The price for the above work is: \$30,000.00

GUARANTEE

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delay beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Worker's Compensation Insurance. If there is any default on payments, the signor agrees to pay all collection fees, court costs and lawyer fees and 1-1/2% per month interest, on the unpaid balance, not to exceed 18%. Such default will result in cancellation of all Warranties and Guaranteed work on any and all equipment.
Note: We may withdraw this proposal if not accepted within 30 days.

In hopes that you find this proposal acceptable, please sign below and return back via email jleslie@mainhvac.com or fax 203-683-1429 so that we may order the necessary items and schedule your work. If you have any questions, please feel free to contact me at 203-334-3419, extension 1416. I look forward to hearing from you.

Jim Leslie

7-10-19

Jim Leslie
Service Manager

Date

Accepted by (Customer)

Date

**CIP 2020 - 2024
Public Facilities**

TOWN HALL

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Town Hall

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Sidewalk replacement - the existing sidewalk is in poor condition and poses a safety risk for pedestrians. Townwide sidewalks require ongoing rehabilitation to provide for continued safe and comfortable usage and to meet ADA accessibility standards. Repairs are needed in order to mitigate liability risks to the Town. There is approximately 3,600 square feet of lifted and or cracked sidewalk around the Town Hall campus. Current pricing on the Towns On Call Bid is \$16.00 per square foot for a total of \$57,600

Town Collector Security & ADA compliant service counters - the service counters do not comply with accessible requirements. The space will have safety and accessibility issues addressed to comply with ADA Compliance requirements and increased security.

Replace HVAC System (schematic design and replacement) - The current system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations.

Restroom Renovations (ADA compliant) - The Americans with Disabilities Act (ADA) requires modifications to the existing restroom facilities within Town Hall for improved accessibility to individuals with physical limitations.

Floor Tiling - tiles are showing signs of wear and tear in several areas of the building. Replacement is needed in order to create a safe environment for employees and public as well as maintain a professional appearance in our public buildings.

Will this project necessitate staffing increases?
No

What is the general plan and timeline for completion?
Estimated 2020 - 2025 construction

Are there any outside funding sources, e.g., grants?
No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
TH sidewalk replacement	25,000	25,000	25,000			75,000	Pub Fac #4
Tax collector security counters	80,000					80,000	based on prior estimate
Consulting services for plans & specs to replace HVAC system	25,000					25,000	Pub Fac #6
Replace HVAC system	300,000					300,000	Pub Fac #6
Restroom renovations ADA compliant	260,000					260,000	Pub Fac #7
Finishes - Floor Tiling	-				44,000	44,000	Pub Fac #8

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

TH Sidewalks

Town Hall Sidewalk replacement estimates

Costs are estimated based on current bid for sidewalks and curing. The bid is for Board of Ed but the prices were used for estimation purposes. Costs were calculated as follows:

Estimated Linear footage x price per linear foot per bid# 6241.

Bid docs are attached.



Trumbull Town Hall
5866 Main Street
Trumbull, Connecticut 06611

Office of the Purchasing Agent
KEVIN J BOVA
Office 203 452 5042
Fax 203 452 5083

kbova@trumbull-ct.gov

June 1, 2017

Pub Fac # 4
TH Sidewalks bid
pricing

D & P CONSTRUCTION INC
29 ESSEX LANE
Trumbull CT, 06611

Attention: Livio Paniccia V.P.

Subject: Notice of AWARD

**RFP 6241 REMOVAL AND REPLACEMENT OF SIDEWALK AND CURBS
ON CALL UNIT PRICING**

The Town of Trumbull and the Board of Education has considered the Bid submitted by D & P CONSTRUCTION INC For the subject Services in response to its Advertisement for Bid 6241.

You are hereby notified that your Bid 6241 has been accepted as follows:

The Town of Trumbull and the Trumbull Board of Education Selects D & P CONSTRUCTION INC as ONE of the Contractors for scope of the work described in BID 6241. The BOE and or the TOWN will select on an as needed bases. The bases of the selection will be lowest from the proposal page from the pricing structure as it pertains to each Job.

Per your Bid 6241 documentation, you may proceed or may be called upon from the Town of Trumbull or the BOE as needed for the next 3 years. This award letter is good for 3 years and valid until June 30 2021. Per your pricing in Bid 6241

Please acknowledge your receipt of this correspondence (via fax or email). You may contact BOE facilities director Mark Deming or myself.

Thank you for your interest in serving the Town of Trumbull

Kevin J Bova
Purchasing Agent

ACCEPTANCE OF NOTICE

Receipt of the above **NOTICE OF AWARD IS** hereby acknowledged by

Name (Print) Livio R. Paniccia This the

1st day of June 2017

By (signature) [Signature]

Title VP

**TOWN OF TOWN TRUMBULL
BID RESULTS**

**Pub Fac # 5
TH Sidewalks bid
pricing**

RESULTS for Bid 6241- -REMOVAL AND REPLACEMENT OF SIDEWALK AND CURBS ON CALL UNIT PRICING											
Request for Proposal-REMOVAL AND REPLACEMENT OF SIDEWALK AND CURBS											
RFP# 6241-DUE: May 24 ,2017 @ 2pm Bids Received											
PRICES → COMPANY↓	1) Concrete curb only Per Linear ft	2. Concrete 5' sidewalks with monolithic - per sq ft	3. Concrete 6' sidewalks with monolithic per sq ft	4. Concrete sidewalk replace no curb per sq ft	5) Concrete ADA apron with tactile tiles per sq ft	6) Concrete ADA ramps for building egress per sq ft	7) Concrete Driveway Apron with flush curb per sq ft	8. Asphalt binder coat patching per sq ft	9) Annual Escalation		
RELIABLE EXCAVATING CO., INC	\$32.00	\$16.00	\$16.00	\$12.00	\$30.00	\$30.00	\$16.00	\$85.00	4.0%	100.00	\$237.00
CERILLI CONSTRUCTION	\$21.00	\$14.75	\$16.00	\$9.25	\$13.75	\$15.75	\$9.50	\$6.50	2.0%	100.00	\$106.50
PARK CITY CONSTRUCTION	\$13.50	\$15.00	\$16.00	\$7.75	\$24.00	\$14.00	\$12.50	\$2.00	3.0%	100.00	\$104.75
WILLIAM M LAYDON CONSTRUCTION	\$55.00	\$28.00	\$28.00	\$15.00	\$35.00	\$35.00	\$28.00	\$15.00	3.0%	100.00	\$239.00
LAYDON INDUSTRIES	\$38.00	\$13.50	\$13.50	\$10.00	\$40.00	\$55.14	\$20.00	\$10.00	3.0%	100.00	\$200.14
VAZ QUALITY WORKS LLC	\$22.00	\$12.00	\$13.00	\$8.00	\$15.00	\$12.00	\$12.00	\$6.00	2.0%	100.00	\$100.00
COLONNA CONCRETE & ASPHALT PAVING LLC	\$32.00	\$23.50	\$26.50	\$15.50	\$18.50	\$25.50	\$23.50	\$12.50	4.5%	100.00	\$177.50
M. RONDANO ,INC.	\$35.00	\$17.80	\$17.80	\$12.30	\$27.00	\$20.00	\$19.00	\$4.00	5.0%	100.00	\$152.90
STAR CONSTRUCTION CORP.	\$45.00	\$18.00	\$20.00	\$11.00	\$25.00	\$25.00	\$16.00	\$11.00	10.0%	100.00	\$171.00
G.PIC & SONS CONSTRUCTION CO.	\$30.00	\$12.50	\$13.00	\$10.00	\$15.00	\$15.00	\$15.00	\$3.00	5.0%	100.00	\$113.50
D&P CONSTRUCTION INC.	\$27.00	\$9.44	\$9.44	\$7.44	\$14.75	\$14.75	\$11.00	\$3.45	8.0%	100.00	\$97.27
RESOURCE SERVICE LLC	\$32.00	\$15.00	\$15.00	\$10.00	\$25.00	\$22.00	\$14.00	\$6.00	10.0%	100.00	\$139.00

Kevin J Bova Purchasing Agent
May 24, 2017 @ 2PM

TH-HVAC System



1180 STRATFORD ROAD
STRATFORD, CT 06615
203.334.3419
203.333.3934 FAX
WWW.MAINHVAC.COM

Pub. Fac. # 6

Trumbull Town Hall

Current System

6 - Trane RTU's 1 thru 6

1 - Split System AHU 7

Unity wireless BMS

55 - Volume dampers with two position actuators

11 - Bypass dampers

BMS cycles RTU's and Split System for heating and cooling. Local thermostats control volume dampers open for cooling closed for heat. Volume dampers are not currently modulating they are open or closed. Bypass dampers are controlled to maintain static. RTU 2 serving the Court room is constant volume.

Recommendations

1

- Replace Unity wireless BMS with wired Honeywell WEBS Tridium based BMS all systems
- Replace 55 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 11 bypass dampers and replace actuators.
- Perform full maintenance on all RTU's and Split System to verify proper operation.
- Perform Air Balancing on all building systems and diffusers. **Budget \$238,000**

Added estimated \$25,000 for consulting services to get plans and schematic design for bid request.

- Replace Unity wireless BMS with wired Honeywell WEBS Tridium based BMS all systems.
- Replace actuators with modulating on 55 volume dampers and make repairs as necessary.
- Replace actuators on 11 Bypass dampers and make repairs.
- Perform full maintenance on all RTU's and Split System to verify proper operation.
- Perform Air Balancing on all building systems and diffusers.

Budget \$204,000

3

- Provide and install Honeywell WEBS Tridium based BMS to accommodate phasing of equipment change over from current Unity wireless BMS to wired Tridium BMS.

Budget \$18,000

4

- Replace Unity wireless BMS for RTU 6 system with wired Tridium BMS.
- Replace 14 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 6 to verify proper operation.
- Perform Air balancing on RTU 6 and related diffusers. **Budget \$50,000**

5

- Replace Unity wireless BMS for RTU 5 system with wired Tridium BMS.
- Replace 8 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 5 to verify proper operation.
- Perform Air balancing on RTU 5 and related diffusers. **Budget \$32,800**

6

- Replace Unity wireless BMS for RTU 4 system with wired Tridium BMS.
- Replace 13 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 4 to verify proper operation.
- Perform Air balancing on RTU 4 and related diffusers.

Budget \$43,500

7

- Replace Unity wireless BMS for RTU 3 system with wired Tridium BMS.
- Replace 8 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 3 to verify proper operation.
- Perform Air balancing on RTU 3 and related diffusers. **Budget \$33,000**

8

- Replace Unity wireless BMS for RTU 1 system with wired Tridium BMS.
- Replace 5 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 1 to verify proper operation.
- Perform Air balancing on RTU 1 and related diffusers. **Budget \$26,000**

9

- Replace Unity wireless BMS for AHU 7 system with wired Tridium BMS.
- Replace 7 volume dampers with VAV boxes (add electric reheat to perimeter if sufficient power is available in building).
- Repair Bypass damper and replace actuator.
- Perform full maintenance on AHU 7 to verify proper operation.
- Perform Air balancing on AHU 7 and related diffusers. **Budget \$30,000**

10

- Replace Unity wireless BMS for RTU 6 system with wired Tridium BMS.
- Repair 14 volume dampers and replace actuators with modulating.
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 6 to verify proper operation.
- Perform Air balancing on RTU 6 and related diffusers.

Budget \$38,000

11

- Replace Unity wireless BMS for RTU 5 system with wired Tridium BMS.
- Repair 8 volume dampers and replace actuators with modulating.
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 5 to verify proper operation.
- Perform Air balancing on RTU 5 and related diffusers. **Budget \$29,000**

12

- Replace Unity wireless BMS for RTU 4 system with wired Tridium BMS. •
- Repair 13 volume dampers and replace actuators with modulating
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 4 to verify proper operation.
- Perform Air balancing on RTU 4 and related diffusers.

Budget \$39,500

13

- Replace Unity wireless BMS for RTU 3 system with wired Tridium BMS.
- Repair 8 volume dampers and replace actuators with modulating •
- Repair 2 Bypass dampers and replace actuators.
- Perform full maintenance on RTU 3 to verify proper operation.
- Perform Air balancing on RTU 3 and related diffusers. **Budget**

\$29,500

14

- Replace Unity wireless BMS for RTU 1 system with wired Tridium BMS.
- Repair 5 volume dampers and replace actuators with modulating • Repair 2
- Bypass dampers and replace actuators.
- Perform full maintenance on RTU 1 to verify proper operation.
- Perform Air balancing on RTU 1 and related diffusers.

Budget \$23,500

15

- Replace Unity wireless BMS for AHU 7 system with wired Tridium BMS.
- Repair 7 volume dampers and replace actuators with modulating.
- Repair 1 Bypass damper and replace actuator.
- Perform full maintenance on AHU 7 to verify proper operation.
- Perform Air balancing on AHU 7 and related diffusers.

Budget \$25,500

16

Pub. Fac. # 6

- Replace Unity wireless BMS for RTU 2 with wired Tridium BMS.
- Perform full maintenance on RTU 2 to verify proper operation.
- Perform Air balancing on RTU 2 and related diffusers.

Budget \$8,500

Summary

The bulk of the calls for the Town Hall are related to the Unity BMS. Communication issues seem to be the most common occurrence. Our recommendation is to upgrade with Honeywell WEBS Tridium based web server based BMS.

ADA Restroom Renovations (2)

December 6, 2019

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for architectural / engineering fees as well as construction budgets for the following projects:

Helen Plumb Building:

Window Replacements

Construction Estimate: \$75,000 A/E Fee: \$14,000

Roof Replacement

Construction Estimate: \$45,000 A/E Fee: \$12,000

Front Door Replacement

Construction Estimate: \$5,000 A/E Fee: \$0

Transfer Station Building

New Emergency Generator

Construction Estimate: \$140,000 A/E Fee: \$14,000

Concrete Floor Slab Repairs

Construction Estimate: \$26,000 A/E Fee: \$10,000

Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0

Total = \$ 259,000



ANTINOZZI ASSOCIATES
ARCHITECTURE & INTERIORS

271 Fairfield Avenue
Bridgeport, Connecticut 06604

t 203.377.1300 f 203.378.3002

301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5460

www.antinozzi.com

TH- FLOOR TILING

CSI / Spec #	CSI Format Names	Report Item Names	Previous Report # / New Item	Complete	Quantity	Totals By Division	Suggested 5 Year Capital Implementation Plan					Comments / Notes
							2010 - 11	2011-12	2012-13	2013-14	2014-15	
DIVISION 6 - Wood and Plastics			0	0								
01	08130 Heavy Timber Construction	Wood Beams	4.04									
0	08402 Interior Architectural Woodwork	Wall Finishes (Int Trim)	5.02	No	500 LF?						\$1,000	
0	08201 Exterior Finish Carpentry		0	New Item								
Division 6 - TOTALS						\$1,000						
DIVISION 7 - Thermal & Moisture Protection			0									
0	07511 Built-Up Asphalt Roof	Roofing	2.01	No	5500 SF		\$75,000					Replacement of existing roof system recommended.
0	07313 Slate Shingles		0	No	5304 SF		\$1,000					Cost allocated for general maintenance only
	07411 Metal Roof Panels		0	New Item								
0	07480 Sliding Systems	Exterior Walls	3.01									
0	07920 Joint Sealants		0	New Item	Yes	30 LF						Expansion joint sealing was completed
0	07311 Asphalt Shingles		0	New Item								
	07811 Sprayed Fire Resistive Material		0	New Item								
	07321 Clay Roof Tiles		0	New Item								
0	0		0	0								
Division 7 - TOTALS						\$76,000						
DIVISION 8 - Doors & Windows			0	0								
0	08110 Steel Doors & Frames	Exterior Doors	3.02									
0	08550 Wood Windows	Windows	3.03	No	2000 SF					\$150,000		All existing single pane wood windows to be replaced
	08520 Aluminum Windows		0	3.03								
	08710 Door Hardware	Hardware	5.08	No	7		\$4,500					Keying system shall be evaluated in connection with the Security evaluation / hardware upgrades required.
0	08211 Flush Wood Doors	Interior Doors	5.05	No	13		\$14,000					
	08322 Detention Doors & Frames	Reconstruction	12.02									
0	08381 Sectional Overhead Doors	Garage Doors	3.02									
	08411 Aluminum Framed Entrances		0	New Item	No	4 sys.			\$80,000			Replace four entrance door assemblies with aluminum framed systems, including the interior door system at each location.
Division 8 - TOTALS						\$248,500						
DIVISION 9 - Finishes			0	0								
0	09051 Resilient Floor Tile	Floor Finishes	5.01	15%	4430 SF						\$44,000	13 separate areas. Carpet encasement existing tile in many areas / Testing may be required
0	09400 Terrazzo Flooring		0	0								
0	09680 Carpet		0	5.01	235 SF		\$1,600					Carpet Replacements
0	08220 Portland Cement Plaster	Wall Finishes (on Masonry)	5.02	No	4 SF				\$300			Repair plaster on existing wall
0	09910 Paint		0	0								
	(Included Above)	Exterior Walls	3.01									



CIP 2020-2024 Facilities

Police Headquarters

PD - Building Management System



1180 STRATFORD ROAD
STRATFORD, CT 06615
203.334.3419
203.333.3934 FAX
WWW.MAINHVAC.COM

Pub Fac. #9

July 10, 2019

Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Attn: Allen White

Re: Library control upgrade

Pursuant to our conversation regarding upgrade of the control system located at the **Library**, We are pleased to submit the following proposal and scope of work:

- **Provide engineering, web server, graphics, programming, wiring and wiring diagrams for the site.**
- **Provide and install controls for RTU 1, AH1, and Boiler**
- **Start and test all units.**

The price for the above work is: \$30,000.00

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Note: We may withdraw this proposal if not accepted within 30 days.

In hopes that you find this proposal acceptable, please sign below and return back via email jleslie@mainhvac.com or fax 203-683-1429 so that we may order the necessary items and schedule your work. If you have any questions, please feel free to contact me at 203-334-3419, extension 1416. I look forward to hearing from you.

Jim Leslie

7-10-19

Jim Leslie
Service Manager

Date

Accepted by (Customer)

Date

PD - Bathroom Renovation

CIP 2020- 2024 Facilities

Senior Center

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Senior Center

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Replace HVAC System in Multi-Purpose Room - The current system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations.

2nd Floor Kitchen renovation - The current 2nd floor kitchen is outdated and does not meet the needs of our residents. The goal is to bring the kitchen up to health and safety standards, and to create a more relaxed comfortable eating experience for our senior community.

Elevator modernization - current elevator is outdated and in constant need of repairs. Modernization is required in order to improve elevator efficiency, reliability and public safety

ADA ramp and door opener - Curb ramps are a critical element in allowing people with disabilities or our senior citizens to have full and complete access to the public right of way. This new ADA ramp and door opener will allow our residents to safely navigate and access our Sr. Center facilities

Parking lots paving - The current parking lot shows signs of damage; in addition, the parking lot does not sufficiently meet the current needs of the staff and residents parking at the Sr. Center. There is also a proposal to expand the parking lot and replace the bocce court. There is lack of parking for our residents and staff.

Replace Windows at Social Services - windows are outdated and show evidence of deterioration due to age and weather elements. Replacing these windows with energy-efficient ones can reduce heating and cooling costs by reducing the loss of heating and cooling

Will this project necessitate staffing increases?
No

What is the general plan and timeline for completion?
Estimated 2020 -2023

Are there any outside funding sources, e.g., grants?

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
Sr. Center design & community approval efforts	950,000					950,000	no quote
Sr. Center construction		6,500,000	6,500,000			13,000,000	no quote
Replace A/C in multi-purpose room		50,000				50,000	Pub Fac# 11
Renovate 2nd floor kitchen		250,000				250,000	Pub Fac# 12
Elevator modernization and upgrades (2)		200,000	200,000			400,000	Pub Fac# 13
Install handicap ramps and ADA door opener		33,000				33,000	Pub Fac# 14
New Parking lot - paving		170,000				170,000	Pub Fac# 15
Existing Parking lot - paving		370,000				370,000	Pub Fac# 16
Replace windows at Social Services		55,000				55,000	Pub Fac# 17

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

Sr. Center HVAC



A & B MECHANICAL
HEATING, PLUMBING & A/C (203) 268-9223

P.O. Box 294
Monroe, CT 06468
203-268-9223 FAX 203-452-8853

Pub. Fac. # 11

July 8, 2019

Town of Trumbull
5866 Main St
Trumbull, CT 06611

Re: Senior Center HVAC Replacement Revised

Thank you for the opportunity of quoting you on the replacement of the existing 10 ton HVAC system for the Trumbull Senior Center. All work will be performed with a high degree of craftsmanship and in compliance with all regulations and state and local codes.

A & B Mechanical, LLC will supply and install the following scope of work:

HVAC Scope of Work

- 1) Demo existing 10 ton Carrier system –Air Handler in closet upstairs (leave condenser in basement)
- 2) F&I one (1) Trane 10 ton Air Handler – disassemble and reassembly of AHU in Closet
- 3) F&I one (1) Trane 10 ton Outdoor Condenser
- 4) F&I Insulated Refrigeration & Condensate Piping
- 5) F&I New 3 phase wiring for Condenser
- 6) Thermostat & Wiring
- 7) Start & Test System
- 8) Permit
- 9) One Year Warranty

The above work can be done for the sum of:
Forty-One Thousand Nine Hundred Dollars (\$41,900.00) No Tax

Exclusions

1. New Electrical Panel
2. New Electrical services
3. Concrete Cutting, Excavation and Backfilling
4. Roof Cutting
5. Cutting, Patching, Painting
6. Overtime and Off Hours
7. Items Other than Listed Above

Guarantee: all labor, and material supplied by A & B Mechanical, LLC will carry a one (1) year guarantee from the date on installation against defects for both workmanship and material.

If you have any questions with our work please do not hesitate to call.

Thank you for the opportunity of working with you,

Arnie Jones Jr
A & B Mechanical, LLC

Terms and Conditions

A & B Mechanical, LLC is a SBE and Woman-Owned Business

Fax: (203) 452-8853

E-Mail: mailbox@abmechanicalllc.com

Web: www.abmechanicalllc.com

CT Licenses

S1:301170

P1:282005

SM1:3717

F1:11384

MEC:1168

Town of Trumbull Senior Center

Pub. Fac. # 11

Projects & Installations

1. Services provided under this agreement will be performed during normal working hours.
2. The guarantees and services provided under the scope of this agreement are conditioned upon customer properly operating and maintaining systems / equipment. Customer will do so according to industry accepted practices and in consideration of A&B Mechanical LLC, hereafter A&BM, and recommendations.
3. Customer will provide and permit reasonable and safe means of access to all equipment. A&BM will be allowed to start and stop equipment as necessary to perform its services.
4. Customer agrees to pay invoices within thirty (30) days of receipt. A&BM reserves the right to cancel this and / or stop work under this agreement without notice, should payment become forty-five (45) days or more delinquent.
5. At its prevailing rates or at negotiated lump sum prices, A&BM will perform work not covered by this Agreement. This shall include responding to abnormal conditions for system(s) and equipment not covered by this Agreement, changes in scope of work and/or undeclared or hidden conditions. Repairs or replacements necessitated by reason of customer negligence or misuse are not included.
6. In the unlikely event of failure to perform its obligations. A&BM's liability is limited to repair or replacement at its option and such shall be customer's sole remedy. Under no circumstances will A&BM be responsible for loss of use, loss of profits, increased operating or maintenance expense, claims of customer's tenants or clients, or any special, indirect or consequential damages.
7. The Agreement does not include responsibility for system design deficiencies, such as, but not limited to poor air distribution, water flow imbalances, etc. It does not include responsibility for system, equipment and component obsolescence, electrical failures, and equipment beyond its serviceable life.
8. A&BM will not be liable for delays or failure to obligate due to fire, flood, strike lockout, freezing, and unavailability of material, riot, acts of God, or any cause beyond reasonable control.
9. Work necessitated by present or future requirements by government or insurance laws and or requests is not included.
10. Only A&BM personnel or agent are authorized to perform the work included in the scope of this Agreement. A&BM may, at its option, cancel this Agreement should non-authorized individuals perform such work.
11. In the event either party must commence a legal action in order to enforce any rights under this contract, the successful party shall be entitled to all court costs and reasonable attorney's fees as determined by the court for prosecuting and defending the claim, as the case may be. Additionally, should it become necessary for A&BM to turn the account over to a collection agency, A&BM shall be entitled to all reasonable collection costs.
12. In addition to the prices quoted, customer shall be responsible for all taxes applicable to the services and / or material provided here under.
13. We guarantee all prices quoted in this agreement shall remain firm for a period of thirty (30) days from the date shown on page one.

Acceptance: _____
(Signature) (Date)

A & B Mechanical, LLC is a SBE and Woman-Owned Business

Fax: (203) 452-8853 E-Mail: mailbox@abmechanicalllc.com Web: www.abmechanicalllc.com

CT Licenses S1:301170 P1:282005 SM1:3717 F1:11384 MEC: 1168

Sr. Center Kitchen

December 6, 2019

Pub Fac # 12

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for
architectural / engineering fees as well as construction budgets
for the following projects:

Helen Plumb Building:

Window Replacements

Construction Estimate: \$75,000 A/E Fee: \$14,000

Roof Replacement

Construction Estimate: \$45,000 A/E Fee: \$12,000

Front Door Replacement

Construction Estimate: \$5,000 A/E Fee: \$0

Transfer Station Building

New Emergency Generator

Construction Estimate: \$140,000 A/E Fee: \$14,000

Concrete Floor Slab Repairs

Construction Estimate: \$26,000 A/E Fee: \$10,000

Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible Improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0



ANTINOZZI ASSOCIATES
ARCHITECTURE & INTERIORS

271 Fairfield Avenue
Bridgeport, Connecticut 06604

t 203.377.1300 f 203.378.3002

301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5460

www.antinozzi.com

Senior Center Building

Replace Windows at Social Services Dept.
Construction Estimate: \$45,000 A/E Fee: \$10,000

Renovations to 2nd floor kitchen
Construction Estimate: \$220,000 A/E Fee: \$28,000

Elevator Modernization – (1) elevator
Construction Estimate: \$180,000 A/E Fee: \$20,000

Total = \$ 248,000

Public Works Buildings

Maintenance Garage – exterior painting
Construction Estimate: \$25,000 A/E Fee: \$0

Plow Trucks Garage – exterior painting
Construction Estimate: \$25,000 A/E Fee: \$0

Thank you for the opportunity to provide you with these construction budgets and fees. Please call me if you have any questions. We look forward to working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.



Paul A. Lisi, AIA
Principal / Project Manager

Sr. Center

Elevators (2)

December 6, 2019

Pub Fac # 13

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for architectural / engineering fees as well as construction budgets for the following projects:

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Roof Replacement

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Transfer Station Building

New Emergency Generator

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Concrete Floor Slab Repairs

Construction Estimate: \$26,000 A/E Fee: \$10,000

Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0



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301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5460

www.antinozzi.com

Mr. Allen E. White
December 6, 2019
Page 2 of 2

Pub Fac # 13

Senior Center Building

Replace Windows at Social Services Dept.

Construction Estimate: \$45,000 A/E Fee: \$10,000

Renovations to 2nd floor kitchen

Construction Estimate: \$220,000 A/E Fee: \$28,000

Elevator Modernization – (1) elevator

Construction Estimate: \$180,000 A/E Fee: \$20,000

Total = \$200,000 each

Public Works Buildings

Maintenance Garage – exterior painting

Construction Estimate: \$25,000 A/E Fee: \$0

Plow Trucks Garage – exterior painting

Construction Estimate: \$25,000 A/E Fee: \$0

Thank you for the opportunity to provide you with these construction budgets and fees. Please call me if you have any questions. We look forward to working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.



Paul A. Lisi, AIA
Principal / Project Manager

Sr. Center
ADA ramp and door opener

Allen White

From: Gregory M Raucci <gmraucci@bismarkconstruction.com>
Sent: Wednesday, July 31, 2019 8:02 AM
To: Allen White

Allen,

We are providing our estimated costs to install handicap ramps at the Senior center.

Front entrance \$28,000 dollars
Side entrance. \$21,000 dollars

A large portion of the cost on each is the handrails.

The side entrance might have a savings if we build up a portion of the grade to the entrance. In my opinion the side entrance has the easiest solution



Gregory M. Raucci |AIA President

Bismark Construction
Office: [203.876.8331](tel:203.876.8331)
gmraucci@bismarkconstruction.com
www.bismarkconstruction.com

STRATHMOOR ELECTRIC, INC.

1261 STRATFORD AVENUE
STRATFORD, CONNECTICUT 06615-6324
PHONE (203) 377-4261 FAX (203) 386-1388
CONNECTICUT LICENSE E-1 #196589
WESTCHESTER COUNTY LICENSE #1673

Proposal

July 30, 2019

Town of Trumbull
366 Church Hill Road
Trumbull, CT 06611

Re: Senior Center

We are pleased to submit our proposal for electrical work to include the following:

Handicap Door Opener

*Furnish and install the following:

- 1 ADA door opener
- 2 ADA handicap door buttons
 - One button mounted on outside post
 - One button mounted on inside wall
- 1 120 volt power

TOTAL COST	\$5,550.00
-------------------	-------------------

WE PROPOSE to furnish labor and material – complete with the above specifications, for the sum of Five Thousand Five Hundred-Fifty and 00/100 Dollars

Payment to be made as follows: upon completion of work

ACCEPTED. The above prices, specifications, and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Respectfully submitted,
STRATHMOOR ELECTRIC, INC.



Date of Acceptance _____

By _____

Michael Liscinsky

**Sr. Center
Parking Lot Paving**

Sr. Center Windows

December 6, 2019

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for architectural / engineering fees as well as construction budgets for the following projects:

Helen Plumb Building:

Window Replacements

Construction Estimate: \$75,000 A/E Fee: \$14,000

Roof Replacement

Construction Estimate: \$45,000 A/E Fee: \$12,000

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New Emergency Generator

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Concrete Floor Slab Repairs

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Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible Improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0



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301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5460

www.antinozzi.com

Mr. Allen E. White
December 6, 2019
Page 2 of 2

Senior Center Building

Replace Windows at Social Services Dept.
Construction Estimate: \$45,000 A/E Fee: \$10,000

Total = \$ 55,000

Renovations to 2nd floor kitchen
Construction Estimate: \$220,000 A/E Fee: \$28,000

Elevator Modernization – (1) elevator
Construction Estimate: \$180,000 A/E Fee: \$20,000

Public Works Buildings

Maintenance Garage – exterior painting
Construction Estimate: \$25,000 A/E Fee: \$0

Plow Trucks Garage – exterior painting
Construction Estimate: \$25,000 A/E Fee: \$0

Thank you for the opportunity to provide you with these construction budgets and fees. Please call me if you have any questions. We look forward to working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.



Paul A. Lisi, AIA
Principal / Project Manager

CIP 2020- 2024
Public Facilities

PW Yard

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Public Works Yard

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Construction - Town Yard Garage maintenance/replacement/culvert - The purpose of this project is to install a concrete culvert behind the highway garage. This will allow for the expansion of the highway garage and greater truck maneuvering around the existing highway facility.

Structural Improvements to plow garage and bay door replacement - This garage is used to store plows. The current layout does not allow for plow trucks to be moved without first re-arranging trucks already parked inside the bay. Additionally, the plows are tightly packed into the bay making it very difficult for drivers to park and pull in and out of the garage. The current gate too narrow. The goal is to widen the opening and replace the gate; plows will have more room to move about and pull in and out of the garage without any obstructions. This will make the process safer and streamline the process. Costs estimated based on discussions with PW Director and industry prices for construction and materials.

Siding and stairwell replacement at building #6 - the siding and stairs have major structural issues and advanced rot damage that has spread throughout the building's exterior that requires replacement. The stairwell does not conform to current fire and building

What existing facilities or conditions will be affected by the project? How will this project improve these?

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated 2020 -2024

Are there any outside funding sources, e.g., grants?

No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
Town Yard Garage maintenance/replacement/culvert	450,000					450,000	Pub Fac# 18
Structural improvements to plow garage #2 and bay door replacement	175,000					175,000	no estimate
HWY Siding replacement building #6	82,000					82,000	Pub Fac# 19
HWY stairwell replacement building #6	80,000					80,000	Pub Fac# 20

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

PW Yard Culvert



Engineers | Environmental Specialists

**Preliminary Opinion of Probable Cost
for the Construction of**

Prep'd Date	<u>02/22/18</u>	By	<u>TAS</u>
Ch'kd Date	<u>02/22/18</u>	By	<u>AJM</u>
Re'vd Date	<u>07/10/19</u>	By	<u>TS</u>
Town of	<u>Trumbull, CT</u>		
Funds	_____		
Town No.	_____		
Project No.	<u>29-0196-102</u>		
Sheet No.	<u>1</u>	of	<u>1</u>

Project Trumbull DPW Highway Culvert
Description Culvert Replacement, Trumbull, CT

No.	Item	Unit	Quantity	Price	Amount
0202001	Earth Excavation	CY	300	\$40	\$12,000
0202101	Rock Excavation	CY	40	\$200	\$8,000
	Removal of Existing Culverts	LS	1	\$10,000	\$10,000
	Water Handling System	LS	1	\$25,000	\$25,000
	Soil Erosion Control	LS	1	\$15,000	\$15,000
0212001	Subbase Material	CY	130	\$30	\$3,900
0406170	HMA, Class 1	Ton	300	\$100	\$30,000
0406171	HMA, Class 2	Ton	300	\$100	\$30,000
0406236	Material for Tack Coat	Gal	100	\$10	\$1,000
	2.5' x 5' RC Box Culvert	LF	223	\$600	\$133,800
	Precast Wing Walls	Each	2	\$20,000	\$40,000
0507001	Type "C-L" Catch Basin	Each	1	\$3,500	\$3,500
0507781	Reset Manhole	Each	1	\$500	\$500
0651746	15" PVC - Storm Drainage	LF	25	\$75	\$1,875
0703001	Rip-Rap Slope	CY	30	\$75	\$2,250
0811002A	Bituminous Concrete Curb	LF	250	\$5	\$1,250
	Subtotal				\$318,075
0201001	Clearing and Grubbing (3%)	LS	1	\$9,542	\$9,542
0971001	Maintenance and Protection of Traffic	LS	1	\$5,000	\$5,000
	Subtotal				332,617
20%	Contingencies				66,523
	CONSTRUCTION SUBTOTAL				399,141
5.0%	Engineering Design, Construction Docs and Bidding				19,957
1.5%	Construction Administration				5,987
6.0%	Construction Observation				23,948
	PROJECT TOTAL				449,100

449,100 ✖

PW Yard

Building # 6

December 1, 2017

Pub Fac # 19 and 20
Building #6 DPW

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets & A/E Budgets
for first quarter 2018 Projects

Dear Mr. White:

Per your request, we are presenting construction cost estimates and architectural / engineering fees for the following projects:

Helen Plumb Building – Window Replacements & Siding Repairs

Construction Estimate: \$76,000 + A/E Fee: \$14,800

Transfer Station – Concrete Slab Repairs

Construction Estimate: \$22,000 + A/E Fee: \$9,400

Transfer Station – New Generator

Construction Estimate: \$125,000 + A/E Fee: \$13,800

DPW Building #6 – Siding Replacement

Construction Estimate: \$68,000 + A/E Fee: \$13,200

DPW Building #6 – New Exit Stair

Construction Estimate: \$62,000 + A/E Fee: \$17,500

DPW Garage – Shingle Roof Replacement

Construction Estimate: \$48,000 + A/E Fee: \$10,500

Senior Center – Elevator Modernization

Construction Estimate: \$215,000 + A/E Fee: \$18,800

Thank you for the opportunity to provide you with these budg
Please call me if you have any questions. We look forward to
working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.

Paul A. Lisi, AIA
Principal / Project Manager



ANTINOZZI ASSOCIATES
ARCHITECTURE & INTERIORS

271 Fairfield Avenue
Bridgeport, Connecticut 06604

t 203.377.1300 f 203.378.3007

301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5468

www.antinozzi.com

Total = \$81,200

Total = \$79,500

897K
32K
140K
181K
79K
59K
234K

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Police Headquarters

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Building Maintenance System (BMS) - A BMS is the automatic centralized control of a building's HVAC system. Installing this type of automated centralized control system will result in improved occupant comfort, increased efficiency operation of HVAC system and reduction in energy consumption.

Bathroom renovations - the current restrooms are dated and showing signs of wear and tear. The building requires a restroom update to meet ADA standards and bring them up to building code.

What existing facilities or conditions will be affected by the project? How will this project improve these?

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated construction 2021 - 2023

Are there any outside funding sources, e.g., grants?

No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	
Connect HVAC system to BMS (Building Management System)		30,000				30,000
Misc. - Bathroom Renovations	-		70,000			70,000
						-

Pub Fac# 9

Pub Fac# 10

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

**CIP 2020- 2024
Public Facilities**

Helen Plumb Building

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Hellen Plumb Building

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

HVAC system replacement- Current HVAC system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations. Cost is based on . Replacement to be done in partnership with UI.

Window replacement - windows are outdated and show evidence of deterioration due to age and weather elements. Replacing these windows with energy-efficient ones can reduce heating and cooling costs. Some exterior areas of the building structural issues and advanced rot damage that has spread throughout the building's exterior that requires replacement.

Roof replacement - the building's roof shows signs of damage due to old age and weather. Replacement is needed in order to prevent any possible damage to property.

What existing facilities or conditions will be affected by the project? How will this project improve these?

HVAC system replacement- HVAC controls & system need to be upgraded in order to operate the system properly and more efficiently. Cost based on Main Enterprises quotation. Replacement to be done in partnership with UI.

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

2020 - 2021

Are there any outside funding sources, e.g., grants?

No

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
HVAC system replacement	80,000					80,000	Pub Fac# 23
Window replacement		90,000				90,000	Pub Fac# 24
Roof replacement			60,000			60,000	Pub Fac# 25
						-	

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

HP - HVAC System



1180 STRATFORD ROAD
STRATFORD CT 0661
203.334.3419
203 333 3934 FAX
WWW.MAINHVAC.COM

Pub Fac # 23

June 2, 2017

Town of Trumbull
5866 Main St
Trumbull, CT

Re: The Helen Plumb Building
HVAC & Light Budget

Attn: Allen White
Phone: 1-203-673-5994

BUDGET PROPOSAL

We are pleased to submit the following proposal to perform the HVAC & Electrical work as described in the scope of work as listed below:

HVAC Scope:

- (2) Gas Fired Furnaces- 95% Efficient
- (2) A/C Condensing Units
- (2) A/C Evaporator Coils
- (1) Wall Hung Water Heater
- (2) Condensate Pumps
- New Refrigeration line sets
- New PVC Flue Piping
- Gas Piping – disconnect & reconnect
- Condensate Piping – disconnect & reconnect
- Duct Work – disconnect & reconnect
- Electrical Power Wiring – disconnect & reconnect
- Comfort air balancing
- Unity Controls
- Demolition & removal of existing HVAC equipment
- Existing duct work to be re-used
- Start-up and testing
- 12 Month Warranty from date of installation
- All work performed during normal working hours

Electrical Scope:

- (12) 2' X 4' LED Ceiling Lights
- (6) 12" Round LED Ceiling Lights
- (8) Wall Sconce Lights
- (4) Chandeliers
- All work performed during normal working hours

Total Budget:

\$72,000.00Tax Not Included**

PLM: 0281335-P1
HTG: 390177-51
MEC: 001128

Excludes:

- Air quality control
- Allowances
- Architectural access doors
- Bonds
- Ceiling removal and installation
- Cleaning or servicing of existing ductwork or equipment
- Concrete housekeeping pads
- Concrete saw cutting, breaking, and patching
- Cutting, patching, and flashing (ceilings, walls, roof deck, etc...)
- Duct smoke detectors (furnished and wired by others)
- Dumpsters
- Excavation and backfilling including bedding materials
- Fire protection
- Furring out of walls and / or ceilings
- Hazardous material remediation including Lead RRP or asbestos
- Painting (including duct, steelwork, and or piping)
- Permit fees
- Premium hours
- Prevailing wages
- Roof penetrations and flashings
- Structural Steel and / or dunnage
- Taxes
- Temporary Services (including air conditioning, heating, ventilation and or dust control)
- Utility company charges, rebates and incentives
- Weather proofing (including vents thru roof or walls)

If you have any questions, please feel free to contact me at 203-334-3419, ext. 1415 or email EWolf@mainhvac.com
I look forward to hearing from you.

Edward Wolf

President

Direct: 203-334-3419 Ext 1415

Cell: 203-650-9008

HP - Windows & Roof replacement

December 6, 2019

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for architectural / engineering fees as well as construction budgets for the following projects:

Helen Plumb Building:

Window Replacements

Construction Estimate: \$75,000 A/E Fee: \$14,000

24 Total = \$ 89,000

Roof Replacement

Construction Estimate: \$45,000 A/E Fee: \$12,000

28 Total = \$ 57,000

Front Door Replacement

Construction Estimate: \$5,000 A/E Fee: \$0

Transfer Station Building

New Emergency Generator

Construction Estimate: \$140,000 A/E Fee: \$14,000

Concrete Floor Slab Repairs

Construction Estimate: \$26,000 A/E Fee: \$10,000

Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0



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CIP 2020-2024
Public Facilities

EMS Building

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - EMS Building

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Site Construction reconfiguration and expansion - the proposed EMS facility expansion will be designed and operated so as to maintain and promote public health, safety, and general welfare. EMS provides emergency services to those in need. In recent years, the Town has recognized the need for additional and modernized space in order to serve the needs of the Town.

RTU Rooftop Unit Replacement -Replacement of 3 packaged 3-ton units. Current HVAC system is becoming aged and requires replacement to provide for continued safe, comfortable and efficient operations. Cost is based on Antinozzi Associates building inspection report.

What existing facilities or conditions will be affected by the project? How will this project improve these?

RTU replacement at EMS Building- system needs to be upgraded in order to operate the system properly and more efficiently.

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated 2022 - 2023

Are there any outside funding sources, e.g., grants?

Possible UI Partnership for RTU Rooftop units

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
Site Design - Reconfiguration/Expansion	50,000					50,000	estimate only
Site Construction - Reconfiguration/Expansion		2,000,000				2,000,000	Pub Fac# 21
Mechanical - RTU Rooftop Unit Replacement			54,000			54,000	Pub Fac# 22
						-	
						-	

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

EMS

**Building Reconfiguration/
Expansion**



DECARLO
& DOLL, INC.

Pub. Fac. # 21

ARCHITECTS
ENGINEERS
SURVEYORS
PLANNERS
CONSTRUCTION
MANAGERS

September 23, 2016

Mr. John Marsilio
Public Works Director
Trumbull Public Works Department
366 Church Hill Street
Trumbull, CT 06611

RE: Emergency Medical Services Building - Preliminary Project Cost Estimate

Dear Mr. Marsilio,

Per your request, attached are Preliminary Project Costs Budget Estimate for the Proposed EMS Building Renovation, Addition and Site Improvements.

To date, we have not performed Feasibility Studies or Programming, therefore, the cost estimates attached are ballpark numbers, strictly for the Town's Preliminary Budget purposes.

Our cost assumptions are based on the following:

1. The Existing Facility is 5000 SF (Fact)
2. Existing Facility would require 67% or 3,300 SF of Upgrades and Renovations.
4. New addition would be a separate and detached One Story Building on same site.
This New Addition would be limited to 2500 SF.
5. Other Site Costs and Professional Fees are also Preliminary Budget Estimates based on similar projects.

Please contact us at your earliest convenience should you have any questions. We look forward to continuing our professional relationship with you and the Town of Trumbull.

Very truly yours,
DeCARLO & DOLL, Inc.

Emanuel Machado
Sr. Project Manager

Cc: Ron Nault
Allen White
File



DECARLO
& DOLL, INC.

Pub. Fac. # 21

Emergency Medical Services Preliminary Project Cost Budget Estimate

1.0	SITE IMPROVEMENTS.....	\$125,000.00
2.0	UTILITIES / STORM DRAINAGE.....	\$50,000.00
3.0	RENOVATIONS at EXISTING FACILITY (3,300 SF – Does not include existing garage area)	\$495,000.00
4.0	NEW 2,500 sf ADDITION (of similar Construction Type).....	\$625,000.00
5.0	FURNITURE, FURNISHINGS and EQUIPMENT.....	\$80,000.00
6.0	DATA, TELCOM, SPECIALIZED COMMUNICATIONS EQUIPT.....	\$70,000.00
7.0	PROFESSIONAL FEES / OTHER OWNER COSTS.....	\$175,000.00
<hr/>		
	ESTIMATED PROJECT SUBTOTAL.....	\$1,620,000.00
8.0	CONTINGENCIES (10% of SUBTOTAL ABOVE).....	\$162,000.00
	ESTIMATED PROJECT COSTS TOTAL.....	\$1,782,000.00

DECARLO
& DOLL, INC.

Trumbull Emergency Medical Service

Request for Projects

Project Requested: Renovation/Expansion of EMS Building

This project is currently on the Five-Year Plan for 2019. Preliminary drawings have been done and Engineering has done site work.

Bay Space

EMS seeks to find a way to increase building size to allow for eight vehicles to be parked inside the building. The building has three standard ten foot bays and an oversized bay that 1.5 vehicles can park in at one time. During the cold months, one paramedic fly car is parked in the back bay next to an ambulance. Getting the vehicle in this location is not only difficult but it provides limited space to get in and around the vehicles in the garage. The second fly car is parked outside at the back of the building with a boat heater and shore line. Currently, there are seven emergency response vehicles. This would require seven bays. In addition to the vehicles, the all-terrain John Deere Gator needs to be secured inside. The eighth bay would be used to house the gator on a trailer so it can be quickly deployed, if needed, to respond to the trail system in town.

Interior Needs

Larger crew quarters are needed as there are 3-4 crews on shift on a regular basis (6-8 staff minimum not including volunteers). A larger kitchen facility would be advantageous, especially for emergency preparedness and in being able to be prepare meals. Currently there is only a four foot galley area that does not even have sufficient space to prepare a sandwich or a meal. Crews work 12-24 hour shifts so it is common to eat two to three meals while on shift.

A private meeting/conference room would also be highly beneficial to the department. This room could potentially act as a report writing room for EMS providers to complete their patient care reports after each call (this would be better served as a separate room but if space is limited, perhaps can be used as a dual purpose). A large community room capable of seating approximately 30 people behind desks is needed. We teach many classes each month in CPR, First Aid, EMT, EMR and continuing education classes in this room.

The potential for using the EMS building as the main EOC has been discussed with Emergency Management and IT. This building has a generator and would have the capacity for multiple disciplines to be in the same area without over crowding. With potential multiple meeting areas, the EOC would have minimal interference with daily EMS operations. An enlarged kitchen area would allow for the serving of meals to all participants and emergency service staff on duty at that time. The Police Department Building would then become the secondary EOC.

Currently there is one office (it was subdivided into two rooms). The EMS department would like to see three/four offices be constructed, if possible: one office for the Executive Assistant, one for the Chief and two for the on duty supervisors/crew.

Bunk rooms currently sleep three men and three women. Exploring a locker room for crew members to get changed, lock up belongings, shower, if necessary, after calls where they may be exposed to blood, diseases, etc. is a high priority. Currently, the building staff leaves their belongings on a table in the community room.

Other Space

The department requires a lot of storage for medical supplies and emergency preparedness supplies. A storage room for medical supplies would be necessary. A loft, perhaps in the bay area, could be used for over-flow supplies, spare tires, fleet supplies, linens and/or emergency preparedness supplies. A space with a decontamination shower, washer and dryer would be requested in the bays so crew members and/or equipment can be decontaminated, if necessary, prior to walking into the office section of the building. EMS launders many of their linens as well as equipment. This room can also be properly equipped to secure biohazard waste material when necessary.

Exterior Space

A parking lot for 12 cars during business hours is needed.

The department is open to all and any possibilities, including finding a location in close proximity to our current location in order to keep response times down, as we are now centrally located in town. When the current structure was built, the service responded to a small fraction of the calls dispatched today. Our call volume is expected to increase as our town expands and ages. We currently respond to over 4,300 calls each year. The director has been told when the current building was built EMS was responding to about 500 emergencies annually.

The biggest challenges to date are having

1. enough space to park emergency vehicles inside a building
2. space for crews to write reports and complete their documentation after each call
3. a private place to hold small meetings (supervisor meeting, staff reviews, call reviews)
4. increased storage space as the building is currently at maximum capacity
5. sufficient parking as staff have a difficult time finding a place to park during school hours. The parking lot is shared with the pre-school next door.
6. public and private areas of the building separate.

Renovation of the building would also solve the roof leaks into the building when it rains due to all the roof runoff directed to the back of the building into household gutters. This results in water completely covering the floor in the medical supply storage rooms and could compromise our radio transmitter located in that area. It also courses down the outside of the back of the building which has compromised the integrity of the concrete wall.

EMS RTU Rooftop Unit

Pub Fac # 22

CSI / Spec #	CSI Format Names	Report Item Names	Previous Report # / New Item	Complete	Quantity	Totals By Division	Suggested 5 Year Capital Improvement Plan					Comments / Notes
							2010 - 11	2011-12	2012-13	2013-14	2014-15	
0 15408	Domestic Water Supply	Water Distribution System	7.01	No	1			\$2,500				Back Flow preventer not installed
0 15412	Plumbing Fixtures	Plumbing Fixtures	7.03	No	1			\$1,500				Drinking fountain is aged and needs replacing
0 0 0			0 0									
0 15405	Domestic Water Heaters	Water Heaters	7.04	Yes	1							
0 15512	Boilers	Boiler / Furnace	8.01	No	1				\$10,000			Boiler was not replaced. Replace Boiler (However as an option for boiler replacement, Owner may want to discontinue boiler and current cooling only RTU use, and install a gas fired packaged RTU that can ventilate during the heating cycle)
0 15181	Hydronic Piping	Heating Systems Piping	8.02	No	50 LF						\$9,500	1) Replace hot water baseboard in classroom 2) Insulate hydronic piping in Boiler Room
0 0 0			0 0									
0 15200	Ductwork and Air Outlets	Ductwork	8.04	No				\$4,000				Clean all exhaust ductwork / Clean Chimney of Soot / Clean dryer vent
0 0	(Included Above)	Ductwork Insulation	8.04									
0 15768	Unit Ventilators	Unit Ventilators	8.05									
0 15766	Cabinet Unit Heaters	Terminal Units	8.07									
0 0	Fin Tube Heating		0 New Item									
0 15900	HVAC Instrumentation & Control	Control Systems	8.09	No				\$1,200				Install boiler controls to save operation cost and maximize efficiency
0 0 0			0 0									
0 15407	Heating Fuel Systems	Heating Fuel Systems	8.10									
0 0 0			0 0									
0 15738	Split System Air Conditioning Units	Air Conditioning Systems	8.11	No	3							Replace three existing packaged 3-ton units (assumed close to the end of it's useful life)
0 15421	Testing Adjusting & Balancing	Ventilation Systems	8.03									
0 15500	Air Handling and Treatment	Air Handling Systems	8.06									
0 0	(Included Above)	Humidity	11.06									
0 0	(Included Above)	Ventilation	11.07									
0 0	(Included Above)	Ventilation Systems	8.03	No								A building ventilation system during the winter is non-existent. Proper ventilation is needed including in Garages. See "Boiler" line item for ventilation remedy
0 0	(Included Above)	Exhaust Systems	8.08	No	1			\$12,000				Replace rooftop exhaust units (includes providing proper toilet room & Kitchen exhaust)



CIP 2020-2024
Public Facilities
Transfer Station

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Transfer Station

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Concrete Slab repair - the concrete slab and subfloor on the commercial side of the Transfer Station has small cracks, hairline fractures moderate in nature. The structure is structurally sound but needs repairs to avoid further damage and avoid full replacement costs.

Generator - This facility currently does not have a generator or sufficient backup power that would be necessary to keep the facility running in the event of a total power failure. The requested funds will be used to install a unit at the Transfer Station in order to avoid shut downs of this facility's operations.

Roof replacement - the building's roof shows signs of damage due to old age and weather. Replacement is needed in order to prevent any possible damage to property.

New pre-fabricated salt shed - currently this facility does not have a salt shed to store material used to treat driveways/roads/parking at the transfer station after snow storms in order maintain a safe environment for residents and employees. The new salt shed will maximize the life of salt stockpiles by offering a durable, environmentally conscious, cost effective storage solution.

What existing facilities or conditions will be affected by the project? How will this project improve these?

Transfer Station road widening will increase driver safety by giving drivers more room to get around.

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated 2020 - 2023

Are there any outside funding sources, e.g., grants?

Costs will be split -- Trumbull approx. 60% and 40% TEAM

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL	
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024		
Concrete slab repair	45,000					45,000	Pub Fac# 26
Transfer Station generator	155,500					155,500	Pub Fac# 27
Roof replacement		140,000				140,000	Pub Fac# 28
Pre-fabricated salt shed	30,000					30,000	Pub Fac# 29
						-	

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)

Transfer Station Concrete Slab

December 1, 2017

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Pub Fac # 26
Transfer Station

Re: Construction Budgets & A/E Budgets
for first quarter 2018 Projects

Dear Mr. White:

Per your request, we are presenting construction cost estimates and architectural / engineering fees for the following projects:

Helen Plumb Building – Window Replacements & Siding Repairs

Construction Estimate: \$76,000 + A/E Fee: \$14,800

Transfer Station – Concrete Slab Repairs

Construction Estimate: \$22,000 + A/E Fee: \$9,400

Total = \$ 31,400

Transfer Station – New Generator

Construction Estimate: \$125,000 + A/E Fee: \$13,800

DPW Building #6 – Siding Replacement

Construction Estimate: \$68,000 + A/E Fee: \$13,200

DPW Building #6 – New Exit Stair

Construction Estimate: \$62,000 + A/E Fee: \$17,500

DPW Garage – Shingle Roof Replacement

Construction Estimate: \$48,000 + A/E Fee: \$10,500

Senior Center – Elevator Modernization

Construction Estimate: \$215,000 + A/E Fee: \$18,800



ANTINOZZI ASSOCIATES
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271 Fairfield Avenue
Bridgeport, Connecticut 06604

t 203.377.1300 f 203.378.3002

301 Merritt 7
Norwalk, Connecticut 06851

t 203.956.5468

www.antinozzi.com

Thank you for the opportunity to provide you with these.
Please call me if you have any questions. We look forward to working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.

Paul A. Lisi, AIA
Principal / Project Manager

897K
32K
140K
181K
79K
159K
234K

**Transfer Station
Generator, Roof and Salt
Shed**

December 6, 2019

Mr. Allen E. White
Director of Facilities
Town of Trumbull
5866 Main Street
Trumbull, CT 06611

Re: Construction Budgets and A/E Fees for
Town of Trumbull 2020 Capital Improvement Projects

Dear Mr. White:

Per your request, we are presenting this proposal for architectural / engineering fees as well as construction budgets for the following projects:

Helen Plumb Building:

Window Replacements

Construction Estimate: \$75,000 A/E Fee: \$14,000

Roof Replacement

Construction Estimate: \$45,000 A/E Fee: \$12,000

Front Door Replacement

Construction Estimate: \$5,000 A/E Fee: \$0

Transfer Station Building

New Emergency Generator

Construction Estimate: \$140,000 A/E Fee: \$14,000

27 = \$154,000

Concrete Floor Slab Repairs

Construction Estimate: \$26,000 A/E Fee: \$10,000

Roof Replacement

Construction Estimate: \$120,000 A/E Fee: \$18,000

28 = \$138,000

New Pre-Fabricated Salt Shed

Construction Estimate: \$30,000 A/E Fee: \$0

29 = \$30,000

Town Hall Building

Upgrade finishes and fixtures in (2) toilet rooms

Construction Estimate: \$80,000 A/E Fee: \$15,000

Handicap accessible improvements to (2) toilet rooms

Construction Estimate: \$140,000 A/E Fee: \$24,000

Council Chambers – Paint walls & Refinish wood

Construction Estimate: \$5,000 A/E Fee: \$0

Replace 200 Square Feet of concrete sidewalk

Construction Estimate: \$3,000 A/E Fee: \$0



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Mr. Allen E. White
December 6, 2019
Page 2 of 2

Senior Center Building

Replace Windows at Social Services Dept.

Construction Estimate: \$45,000 A/E Fee: \$10,000

Renovations to 2nd floor kitchen

Construction Estimate: \$220,000 A/E Fee: \$28,000

Elevator Modernization – (1) elevator

Construction Estimate: \$180,000 A/E Fee: \$20,000

Public Works Buildings

Maintenance Garage – exterior painting

Construction Estimate: \$25,000 A/E Fee: \$0

Plow Trucks Garage – exterior painting

Construction Estimate: \$25,000 A/E Fee: \$0

Thank you for the opportunity to provide you with these construction budgets and fees. Please call me if you have any questions. We look forward to working with you on these projects.

Sincerely,
ANTINOZZI ASSOCIATES, P.C.



Paul A. Lisi, AIA
Principal / Project Manager

**CIP 2020-2024
Public Facilities**

Townwide

Project :

Various Sidewalk Restoration
Parking Lots and Driveway

Date: 9/19/2019

Estimate By: WCM

Checked By:

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	Excavation /	SY	500	\$5.00	\$2,500
	Subgrade	SY	500	\$2.00	\$1,000
	Concrete sidewalk	SF	5,000	\$12.00	\$60,000
	Topsoil	SY	500	\$2.00	\$1,000
	Turf Establishment	SY	500	\$10.00	\$5,000
UNIT PRICE SUBTOTAL =					\$69,500

ALLOWANCES

Drainage	ALLOWANCE			\$	-
	ALLOWANCE			\$	-
ALLOWANCE SUBTOTAL =					\$ -

UNIT PRICE + ALLOWANCE = \$ 69,500.00

LUMP SUM ITEMS

LUMP SUM SUBTOTAL =					\$ -

SUBTOTAL -UNIT PRICE +ALLOWANCES+ LUMP SUM = \$ 69,500.00

CONTINGENCY AND INCIDENTALS

Contingency & Incidents (15% x (Unit Price + Allowances + Lump Sum))	\$	10,425.00
TOTAL =		\$ 79,925.00

ADD 5% ESCALATION PER YEAR - IF NOT COMPLETED IN 2020 = \$ 3,996.00

**TOWN OF TRUMBULL
REQUEST FOR PROJECTS**

as of 12/9/19

DEPARTMENT

Public Facilities - Townwide

Provide narrative to describe and justify the requested project and answer the following questions as applicable.

Townwide sidewalk surface conditions degrade over time to a point where tripping hazards exist or worsening running or cross slope conditions are making routes inaccessible, or dangerous to pedestrians. Sidewalk replacement and repairs are necessary and will cycle through the community, focusing on different neighborhoods over a number of years as repairs become necessary.

What existing facilities or conditions will be affected by the project? How will this project improve these?

Sidewalks townwide

Will this project necessitate staffing increases?

No

What is the general plan and timeline for completion?

Estimated 2020-2021

Are there any outside funding sources, e.g., grants?

PROJECT DESCRIPTION	CALENDAR YEAR FUNDING					TOTAL
	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	
Townwide sidewalk repairs	80,000					80,000
						-
						-
						-

Pub Fac# 30

JUSTIFY NEED FOR CAPITAL OUTLAY (Attach relevant documentation for your request. Insufficiently documented requests WILL NOT be considered for the plan.)