

# Town of Franklin

355 East Central Street  
Franklin, Massachusetts 02038-1352



Phone: (508) 520-4949  
[www.franklinma.gov](http://www.franklinma.gov)

OFFICE OF THE TOWN ADMINISTRATOR

## Capital Budget Subcommittee Meeting Agenda & Meeting Packet

February 16, 2022

5:30 PM

Meeting will be held at the **Municipal Building**  
3rd Floor, Training Room  
355 East Central Street

***A NOTE TO RESIDENTS:*** All citizens are welcome to attend public board and committee meetings in person.

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### Discussion:

1. FY22 Capital Plan
  - a. Proposed Town Administrator FY22 Capital Plan.
    - i. Technology Department
    - ii. Town Clerk's Department
    - iii. Facilities Department
    - iv. Fire Department
    - v. Police Department

*This is a meeting of the Franklin Town Council Sub-Committee; under the Open Meeting Law, this subcommittee is a separate "public body" from the Town Council. Therefore, unless the Town Council has separately noticed and posted its own meeting, Councilors who are not members of this subcommittee will not be permitted to speak or otherwise actively participate @ this meeting, although they may attend and observe. This prohibition is necessary to avoid the potential for an Open Meeting Law Violation.*

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OFFICE OF THE TOWN ADMINISTRATOR

## Memorandum

February 4, 2022

To: Finance Committee  
From: Jamie Hellen, Town Administrator  
Alecia Alleyne, Assistant to the Town Administrator

**Re: FY22 Capital Plan Proposal**

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Please find the attached Capital Plan for FY22, as well as the five-year capital plan from each department as required by the Town Charter. Included with this memo is a sheet with the 20-year free cash history. The average is \$3.19 million over the past ten years and \$2.72 Million over the past 20 years. FY22 is an unusually large year in excess, unspent revenue due to the second pandemic year.

From the certified total, there are several policy commitments that eat into the total right off the bat, most notably contributions to stabilization accounts (per town policy) as well as the usual recommendation from staff to hold revenue for annual snow and ice removal. See narrative below for more specifics.

These recommendations are Round 1 of the FY22 Capital program. Once we know the final totals of the winter costs for snow removal, if there are remaining funds, staff will propose a "Round 2" Capital later in April, which we have traditionally used to fund road and infrastructure projects.

The following is an overview of certified free cash status for FY22:

<u>Town Policies</u>	<u>Amounts</u>
<b>CERTIFIED FREE CASH TOTAL</b>	<b>\$4,470,514</b>
Snow and ice removal/infrastructure	-\$800,000
OPEB Trust fund; per Council policy 10% of Free Cash	-\$447,000
Fire Truck Stabilization (7-year plan)	\$0
Fields Stabilization (Replace in 2027-ish)	-\$150,000
Open Space Stabilization	\$0
Budget Stabilization	-1,000,000
Property, Projects and Facilities Stabilization	\$0
Remaining Free Cash for Capital Requests	<b>\$2,073,514</b>



## **Town Policy Requests**

1. **Snow & Ice Removal - \$800,000 HOLD**
  - a. Each year the Town reserves funds for snow and ice removal until April when we see the full costs of the winter. We set these funds aside due to quickly rising snow and ice removal costs.
  - b. Current Snow and Ice budget operating budget appropriations stands at \$1,056,500, our five-year average.
  - c. Excess funds will prioritize the required work on the SNETT trail and roads.
2. **OPEB Contribution - \$447,000**
  - a. \$447,000 of 10% of the overall certified free cash, will be deposited into the OPEB Trust. This is consistent with Town Council policy to set aside this amount annually.
  - b. An update of the OPEB actuarial that has recently been completed and shows a \$69.6 million net liability. A presentation on this update will be forthcoming at a Town Council meeting on March 2nd, 2022.
  - c. The OPEB Trust Fund currently has \$10,573,680.
3. **Fire Truck Stabilization Contribution - \$0**
  - a. This request is postponed for FY22 due to the purchasing of 2 trucks through borrowing last year.
  - b. The stabilization account currently has \$17,112.
4. **Turf Field Stabilization Contribution - \$150,000**
  - a. This amount will continue to set aside enough funds in the stabilization account to be prepared for the full cost of implementing new fields at the High School/Track and Beaver Street in approximately 2027. Estimated costs will be around \$2 million.
  - b. The stabilization account currently has \$646,001.
5. **Budget Stabilization Account - \$1,000,000**
  - a. Supporting this deposit increases the Budget Stabilization Fund to \$2,055,282.
6. **Property, Projects and Facilities Stabilization Account – \$0**
  - a. As usual, there are too many requests for Facilities projects in both the school and town to justify a deposit into the stabilization account.
  - b. The stabilization account currently has \$294,705.
7. **Open Space Stabilization - \$0**
  - a. With the adoption of Community Preservation, the Town has other funding sources.
  - b. The Open Space Stabilization account currently has \$2,574,982.

## **Town Department Requests**

8. **School Department, School Technology, School Facilities - \$701,000**
  - a. Math and Social Studies Curriculum: - \$505,000
    - i. \$380,000 will be used for the replacement of materials for elementary math instruction, this includes the licenses, textbooks, and five (5) year subscriptions.

- ii. \$125,000 will be used for the replacement of materials for High School Social Studies instruction.
- b. School Technology - \$60,000
  - i. \$20,000 will be used for the purchase of 6 physical domain controllers for redundancy and on site authentication of employees in the event that the fiber connection is lost. The anticipated life span of this equipment is 6 years.
  - ii. \$40,000 will be used for the purchase of a terrablock server which will allow Mac computers to back up and maintain video editing work. The anticipated life span of this equipment is 6 years.
- c. Food Service Equipment - \$81,000
  - i. \$81,000 will be used to install a replacement Walk-In Cooler at the Remington-Jefferson complex. This cooler failed in October and the district moved a portable cooler from Franklin High School to the Remington/Jefferson complex to accommodate the needs this year. This piece of equipment currently sits outside and is not a long-term sustainable solution to the problem of a broken cooler. This quote includes the cost of the cooler as well as labor for the installation, refrigeration, and electrical services.
- d. Eight-Passenger Special Education Van - \$55,000
  - i. \$55,000 will be used to add a special education van to the current fleet of 13 (incl. one spare) due to an increase in students attending our in-district specialized programs. As you may know, the District is obligated to provide specialized transportation for any student who requires specialized transportation due to their disability as referenced in their IEP. We are currently transporting 107 students (grades PK-12+) throughout the district and we anticipate 10 additional students (grades PK-5) for FY23. An additional driver will be needed and will be factored into the FY23 school budget.
- e. Horace Mann Drainage - \$400,000 (This is a borrowing, **NOT** using free cash)  
 The Horace Mann Drainage problem is a symptom of the increase of severe rain storms that occur now every year, rather than every 100 years. The system was built for the "100-year storm", not storms of that severity every year or multiple times a year. Most of the roof drains and the two courtyard drains all combine in the first courtyard nearest the auditorium and then go through the courtyard by the office before going under the elementary school and out to drainage structures on the front lawn. With the rains we have been getting the last few years the courtyards fill up with a foot of water and then it comes through the space below and between the doors and floods the school.

The project re-pipes about 30,000 sf of roof drains and brings it out to other sides of the school to ease the courtyard problem.

The Town has gone out to bid twice in the last year and have received bids approximately \$350,000. We are concerned in this climate that the price will possibly go up more, hence the contingency.

The current design is the last solution as all other more inexpensive solutions have been explored, tried and not worked. See attached resolution for the borrowing language.

**9. Town Clerk - \$10,425**

- a. Election Tabulator/ 3 Poll Pads - \$10,425

To purchase the required voting equipment for the new ninth precinct.

**10. Facilities Department (Town Projects) - \$100,000**

- a. Senior Center Outdoor Pavilion - \$100,000

To construct an outdoor pavilion at the senior center outside the back of the cafe. The area is much too hot in the summer for seniors to enjoy outside and participate in some activities. The pavilion will give shade in the back so more activities can be done outside safely and comfortably. We will attempt to work with Tri-County to do the work, but may take time to coordinate.

**11. Fire Department - \$340,822**

- a. Municipal Fire Alarm System Upgrade - \$116,706

The Fire Department has a municipal fire alarm system with two Signal Communications Vision 21 units at fire headquarters that are in need of replacement. Franklin has 129 radio boxes in town that are transmitted to fire headquarters via radio signal, which is received by an antenna on the tower at fire headquarters. Almost every town owned building has a radio box that is monitored by this system. When the fire alarm goes off at a building in town, the radio box at that location sends a signal to the fire station. The Vision 21 units then decode that signal to alert us of the fire alarm activation at that address. With regional dispatch, our system has to then re-transmit the signal to the MECC, so that we can be dispatched. Two units are necessary for redundancy, in the event there is a failure of one, so we can continue to monitor the system without interruption.

The Vision 21 system was first produced in 1995, and with production stopped in 2017, parts have become unavailable. The current units are approaching fifteen (15) years old and are beyond their life expectancy. The newer technology in the TRX50 system is more computer based and is directly compatible with the TRX50 system that is installed at the MECC. In addition, administrative tasks such as programming, adding, and deleting radio box information would be simplified. This system is critical to maintaining the radio box system in town and the protection of these properties.

- b. Deputy Chief Emergency Response Vehicles- \$122,138

This year we are requesting funds to replace the two (2) Deputy Fire Chief vehicles. Both current vehicles are 2011 model year, including one which was a former police vehicle. Both vehicles are starting to show their age mechanically, based upon mileage (Car 2 - 74,349 and Car 3 - 128,000) and engine idle hours, and electrically are incapable of handling the electrical needs that we require. Due to lack of 2022 vehicle availability and future pricing, this price is assuming a 2023 model, which would not be delivered until fall 2022.

- c. Portable Radios - \$91,978

The current radios utilized by the department have reached the recommended lifespan for such equipment and are in need of replacement. We have found that the current radios are already having more transmission/reception problems than acceptable and

beginning to require increasingly expensive repairs. In addition, these newer radios will dramatically increase interoperability with surrounding departments and will leverage more of the safety technology that is present in our SCBA units. The intent with this request is to fund year one (1) of a four (4) year upgrade program.

d. Structural Firefighter Clothing- \$10,000

Please note a grant secured by the FFD this year of almost \$30,000 is helping offset the full cost of this year's installment.

These funds are being requested to replace the protective clothing that firefighters wear to protect themselves during structural firefighting operations. This continual replacement process is necessary as the outside (shell) material, while resistant to heat, degrades over time due to this heat exposure as well as the ultraviolet rays of the sun. This degradation, combined with normal wear and tear of the garments, weakens the fabric's ability to provide reliable protection for firefighters. While these garments are anticipated to last about ten years, it is necessary for firefighters to have two complete sets, so that one set can be thoroughly cleaned, while keeping that firefighter in service. The requested funds will allow the department to purchase the full protective ensemble for firefighters.

**12. Police Department - \$351,861**

a. Police Vehicles Replacement - \$337,261

The department is requesting funds to replace five (5) police vehicles consistent with our vehicle replacement policy. The selected vehicles are scheduled to be rotated out of service by recommendation of DPW mechanics and fleet managers based on age, mileage and projected future maintenance costs. The selected cruisers are scheduled to be rotated out of service by recommendation of DPW mechanics, age, high mileage and their continued cost of maintenance.

b. Electronic Control Weapons - \$14,600

These funds are being requested to purchase forty-six (46) units and to spread the cost of the replacements over a five year period. This is year two of the Axon Enterprise Taser 60- 5 year purchase plan.

**FY22 requests not recommended at this time:**

- \$16,100 for Technology & Office Furniture that will be worked out through other means.

**13. Public Works - \$540,000**

a. Street Acceptances - \$25,000

To refill the DPW's account to continue to work on street acceptances.

b. Veterans Memorial Restoration - \$30,000

The money will go toward restoring the Doughboy/WWI memorial with a thorough cleaning and small repairs to some injured areas. Authorization for this account will go to both the DPW and Veterans Officer to administer.

c. Downtown Community Improvements - \$50,000

Every few years, the Town Council replenishes the account with funds for downtown beautification efforts, such as lights, banners, flora, vegetation and other aesthetic or functional gear. These monies may complement the Shared Streets gear purchased last year for enhanced public safety.

d. Vehicles & Equipment- \$435,000

This request is to purchase the following vehicles (in order of priority to the DPW):

- John Deere Loader - \$200,000

H-6 Loader is now 21 years old and is an essential piece of equipment needed daily for DPW to perform daily tasks. This loader is used for loading a wide range of materials used by the Department of Public Works. This Loader is also an essential part of snow operations from loading salt to removing piles of snow. The transmission is showing signs of potential failure and will need replacement in the future. The loader at this time is running and could get us a reasonable trade in value at this time.

- Ford F 250 4x4 Pick-up with 8' Plow - \$55,000

The T-4 Ford F-250 4x4 was used to carry supplies to repair and install signs throughout the roadways, Schools and Parks. The truck is also used during the winter months and has a plow route. The truck's frame was severely rusted and would not pass inspection. This truck has been auctioned off and is no longer owned by the Town. We would like to replace this truck with a 4x4 Utility body to be able to store sign repair equipment and parts on this vehicle.

- Ford PU 4x2 F-250 - \$50,000

The T-5 Ford F-250 4x2 is used daily as a foreman's truck. We would like to replace this truck with a 4x4 with an 8' plow so this truck can be utilized during the winter months. The current truck had 135,000 miles and the bed was rusted off the frame. This truck is no longer owned by the Town and was auctioned off as it would not pass inspection without a considerable amount of money invested into this vehicle.

- Sidewalk Plow - \$130,000

This sidewalk plow is now 18 years old and has had many costly repairs throughout its history. The body is well rusted to the point welding repairs are becoming difficult. This piece of equipment is essential for removing snow off the sidewalks in a timely manner.

FY22 requests **not recommended at this time:**

- See DPW Capital Fleet Schedule.

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#### 14. **Water Enterprise Funds** - \$2,347,000.

The following recommendations comply with the Town's policy to maintain at least \$1 million in retained earnings for emergency purposes.

- a. Water Main Replacement projects - \$1.662 million which is to pay cash for FY21 water main projects rather than borrowing and paying interest. Barring any hiccups with the federal ARPA roll out, the FY22 and FY23 roads program will be paid for through federal stimulus funds and not be borne by the water rate payers.
- b. Vehicles & Equipment - \$85,000  
This request is to replace the following:
  - Replace 4WD Pickup w/ equipment - \$85,000
    - T-9 is a 2008 Ford F350 Utility Pickup 4WD with 74,000 miles that is used as the landscaping truck and for plowing operations. It is a 2008 that will not pass inspection, due to body rot. We will be replacing a 2023 Chevy 2500 4WD Crew Cab with a plow - \$65,000
    - Valve Exercising equipment to be mounted on the back of truck - \$20,000
- c. Fisher Street WTP Upgrade Feasibility Study - \$60,000  
The Town replaced the plant's membrane cartridges in 2019. With a projected 5-year life span, and the reported obsolescence of the Koch membrane equipment in use at the plant, replacement of the overall membrane system is expected to represent an appreciable cost in 2023-2024. The Town wishes to review its future options, namely a replacement ozone/membrane-based system versus installation of a non-membrane treatment system featuring a pressurized media filtration system such as greensand filtration, similar to the Grove Street WTP.
- d. Hillside Tank Design - \$290,000  
The Town currently utilizes two existing, riveted steel tanks as the Hillside distribution storage facility, Hillside Tank No. 1 was originally constructed in 1888 and Hillside Tank No. 2 in 1928. The Town elected to pursue replacement of the two existing riveted steel tanks with one new welded steel tank with combined capacity of 1.7 million gallons. The new tank will be equipped with a mixing system. The total project costs for the steel tank option is estimated to be \$6.63 Million.
- e. SCADA System Upgrades (Phase II) - \$200,000  
This request is to replace obsolete radio telemetry systems and to replace obsolete controllers throughout the entire network. Connecting SCADA System sites to Town wide Fiber Optic improves overall communication for operation management.
- f. Meter Replacement - \$50,000  
The Franklin Water system includes over 10,000 water meters, all of which act as cash registers for the Water and Sewer Department. AWWA recommends that water meters be replaced every 10-15 years. As meters age, their accuracy decreases, generally in favor of the customer. Therefore, we would like to continue our 20 year meter replacement program.

**15. Sewer Enterprise Funds - \$1,000,000**

- a. FY22 Sewer Pump Station Improvements - \$300,000

Replacement of Sewer Ejector Pots that are over 30 years old and the steel pots are rotting causing leaks at Monterey, Dawn Marie, and Ainsley Sewer Pump Stations.

b. Phase V1 Sewer Rehabilitation Construction - Part 1 - \$700,000

Phase 6 Sanitary Sewer Rehabilitation includes rehabilitation of approximately 9,000 LF of sanitary sewer pipe by cured-in-place pipe lining and cured-in-place spot repairs throughout the Beaver Street Interceptor sewershed. Continue efforts to remove I&I from the sewer system, while repairing the structural integrity of older pipes in the system.

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**In addition to the needs within each department' 5-year capital plans, here is a list of other capital projects over the next five to ten years (in no particular order):**

- Stormwater Utility to comply with federal EPA mandates in stormwater. Estimated \$60+ million over 2 decades.
- Pavement & Infrastructure Management - \$40 million.
  - Recent plans on roads and parking lots showed a \$40+ million backlog for roads and municipal and school parking lots.
  - Sidewalks are \$100-\$120/foot. Millions per sidewalk for large feeder roads.
  - FY24 should see a new Pavement Management Plan develop to reflect pandemic related market costs.
- Police Station study and renovation - Estimate \$20-\$30 million.
  - For renovation & expansion of the current station; this estimate does not include any new land if a new site is desired. If so, add another \$2-\$4 million.
  - A new Police Station will require a debt exclusion vote at the ballot by citizens in the community.
- Town and School Playground Improvements - \$1.5 million approximately over the next 5-10 years. Possible CPA use, as well.
- Open Space - Prepare for future Open Space purchases and Recreation land investments - millions. Possible CPA use, as well.
- Landfill cap and Recycling Center expansion - \$3-5 million, approximately.
  - The state Environmental Bond Bill has \$1 million reserved authorization.
  - This project can commence after the Town completes the required mitigation work on the SNETT for the transfer of local and state property. When those land transfers are complete, the Town can engage on a Solid Waste Master Plan. At the conclusion of that plan, a new recycling center can be designed. I expect the SNETT work to be completed in 2022, with the receptive land transfer swaps in 2023.

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**What is Free Cash?**

Free Cash (Also Budgetary Fund Balance) is defined as “remaining, unrestricted funds from operations of the previous fiscal year including unexpended free cash from the previous year, actual receipts in excess of revenue estimates shown on the tax recapitulation sheet, and unspent amounts in budget

line-items. Unpaid property taxes and certain deficits reduce the amount that can be certified as free cash. The calculation of free cash is based on the balance sheet as of June 30, which is submitted by the community's auditor, accountant, or comptroller. Important: free cash is not available for appropriation until certified by the Director of Accounts. (See Available Funds)”

The state Department of Local Services has a [glossary on municipal finance terms](#).

You may also visit the [Town of Franklin’s Budget website](#) for more.

<https://www.franklinma.gov/town-budget>

TOWN OF FRANKLIN					
20 YEAR FREE CASH / RETAINED EARNINGS HISTORY					
Certified	General Fund	Water Enterprise	Sewer Enterprise	Solid Waste Enterprise	Total
7/1/2002	3,882,685				3,882,685
7/1/2003	1,586,454				1,586,454
7/1/2004	2,707,379				2,707,379
7/1/2005	2,104,083				2,104,083
7/1/2006	656,535	2,176,995	2,864,197	183,451	5,881,178
7/1/2007	1,858,230	1,647,411	2,561,047	61,500	6,128,188
7/1/2008	2,328,614	2,460,244	3,345,138	122,289	8,256,285
7/1/2009	2,385,242	1,554,884	1,343,434	351,058	5,634,618
7/1/2010	2,133,006	2,384,106	1,282,996	382,606	6,182,714
7/1/2011	2,935,840	2,030,319	1,386,149	624,111	6,976,419
7/1/2012	3,580,481	3,045,246	862,396	331,426	7,819,549
7/1/2013	2,001,830	4,275,163	1,359,927	383,173	8,020,093
7/1/2014	3,073,946	2,693,223	1,500,456	432,094	7,699,719
7/1/2015	2,359,365	2,348,202	2,673,720	396,933	7,778,220
7/1/2016	3,643,541	2,391,123	1,560,327	379,567	7,974,558
7/1/2017	2,821,988	2,481,336	904,612	380,888	6,588,824
7/1/2018	3,726,972	2,809,777	1,470,260	319,625	8,326,634
7/1/2019	3,482,875	2,754,056	1,404,544	285,807	7,927,282
7/1/2020	2,730,757	3,429,103	1,491,152	298,505	7,949,517
7/1/2021	4,470,514	3,622,117	2,168,606	548,721	10,809,958



Police Department 5 Year Plan

			Town of Franklin Police Capital Improvement Plan 5 Year Plan							
					Year 1	Year 2	Year 3	Year 4	Year 5	
	Odometer Readings	Year Purchased	Item Description	FY To be Replaced	FY22	FY23	FY24	FY25	FY26	NOTES
Fleet										
	Odometer / Engine		POLICE CRUISERS - MARKED	Fiscal Year						MDT YEAR
	56,022 / 70,028	2017	FORD POLICE INTERCEPTOR UTILITY - 601	2023		\$69,951.00				2016
	72,575 / 90,719	2017	FORD POLICE INTERCEPTOR UTILITY - 602	2022	\$67,914.00					2016
	16,136 / 20,170	2020	FORD POLICE INTERCEPTOR SEDAN- 603	2026					\$76,437.00	2014
	0 / 0	2021	FORD POLICE INTERCEPTOR UTILITY - 604							2017
	0 / 0	2021	FORD POLICE INTERCEPTOR UTILITY - 605							2017
	61,984 / 77,480	2017	FORD POLICE INTERCEPTOR UTILITY - 606	2022	\$68,579.00					2017
	60,238 / 75,298	2017	FORD POLICE INTERCEPTOR UTILITY - 612	2023		\$69,951.00				2017
	57,482 / 71,853	2017	FORD POLICE INTERCEPTOR UTILITY - 613	2023		\$69,951.00				2017
	31,342 / 39,178	2019	FORD POLICE INTERCEPTOR SEDAN - 614	2024			\$72,049.00			2014
	27,462 / 34,328	2019	FORD POLICE INTERCEPTOR UTILITY- 615	2025				\$74,211.00		2014
	0/0	2021	FORD POLICE INTERCEPTOR UTILITY - 616							2015
	29,594 / 36,993	2018	FORD POLICE INTERCEPTOR UTILITY - 617	2025				\$74,211.00		2018
	NOT WORKING	2011	FORD CROWN VICTORIA POLICE INTERCEPTOR - 618	2022	\$67,914.00					2015
	0 / 0	2021	FORD POLICE INTERCEPTOR UTILITY - 619							2015
	37,468 / 46,835	2018	FORD POLICE INTERCEPTOR UTILITY- 622	2024			\$72,049.00			2014
	52,439 / 65,549	2018	FORD POLICE INTERCEPTOR UTILITY- 623	2024			\$72,049.00			2017
	12,552 / 15,690	2020	FORD POLICE INTERCEPTOR UTILITY- 624	2026					\$76,437.00	2020
	23,061 / 28,826	2019	FORD POLICE INTERCEPTOR UTILITY- 626	2025				\$74,211.00		2019
	83,845 / 104,806	2017	FORD POLICE INTERCEPTOR UTILITY- 629	2023					\$69,951.00	
			POLICE CRUISERS - UNMARKED							
	28,610	2015	FORD POLICE INTERCEPTOR SEDAN - 607	2026					\$63,508.00	
	40,400	2016	FORD POLICE INTERCEPTOR SEDAN - 608	2023		\$58,119.00				
	34,171	2013	FORD POLICE INTERCEPTOR SEDAN - 609	2025				\$61,659.00		
		2020	FORD POLICE INTERCEPTOR UTILITY - 610							
	46,736	2011	FORD CROWN VICTORIA POLICE INTERCEPTOR - 611	2022	\$56,427.00					
	0	2021	FORD POLICE INTERCEPTOR UTILITY - 620							
	35,469	2014	FORD POLICE INTERCEPTOR SEDAN - 621	2024			\$59,863.00			
	43,560	2018	FORD POLICE INTERCEPTOR UTILITY- 625							
	84,140	2014	FORD POLICE INTERCEPTOR SEDAN- 627	2022	\$56,427.00					
	79,007	2015	FORD POLICE INTERCEPTOR UTILITY- 628	2023		\$58,119.00				
	38,176	2017	CHEVROLET CRUZE SEDAN - UC1							
			MOTORCYCLES							
	25,405	2008	HARLEY-DAVIDSON MOTORCYCLE C-1							
	2,313	2019	HARLEY-DAVIDSON MOTORCYCLE C-2							
			MDT REPLACEMENT	2022	\$20,000.00					
	Total Fleet				\$337,261.00	\$326,091.00	\$276,010.00	\$284,292.00	\$286,333.00	
Equipment										
		2013	MESSAGE BOARD / RADAR	10 YEARS		\$19,000.00				
		2019	MESSAGE BOARD / RADAR	10 YEARS						
		2009	COPY MACHINE	5-7 YEARS						
			PRINTERS	5-7 YEARS						
		2017	SHREDDER	10 YEARS						
		2007	SHREDDER	10 YEARS						
		2007	COMPARATOR	15 YEARS						
		2013 - 2014	PORTABLE RADIOS	5-7 YEARS						
		2018	REPEATER - UPPER UNION WATER TOWER	10 YEARS						
		2007	REPEATER - FORGE HILL	10 YEARS						
		2011	REPEATER - PIGEON HILL - LONGHILL ROAD	10 YEARS						
		2009	REPEATER - POPULATIC	10 YEARS						
		1998	RECEIVER - EMC	15 YEARS						
		2013 - 2014	AUTOMATED EXTERNAL DEFIBRILLATORS	8 YEARS						
	Total Equipment				\$0.00	\$19,000.00				
Technology										
		VARIOUS	COMPUTER SERVERS	5 YEARS						
		VARIOUS	COMPUTER TECHNOLOGY (DESKTOPS / PRINTERS)	3-5 YEARS	\$11,000.00	\$6,600	\$5,000.00	\$5,500.00	\$12,600.00	
		VARIOUS	CAMERA EQUIPMENT	5 YEARS						
	Total Technology				\$11,000.00	\$6,600.00	\$5,000.00	\$5,500.00	\$12,600.00	\$0.00
Facilities										
			BUILDING REPAIRS							
		2004	HVAC SYSTEM							
		2004	HOT WATER HEATERS							
		1991	GENERATOR							
		2007	DOOR SECURITY SYSTEM							
		1991	SALLYPORT GARAGE DOORS							
		2009	TELEPHONE SYSTEM							
			OFFICE FURNITURE / OFFICE EQUIPMENT		\$5,100.00					
	Total Facilities				\$5,100.00	\$ -		\$ -	\$ -	\$ -
Other Capital Items										
		VARIOUS	PROTECTIVE BODY ARMOR	5 YEARS		\$18,244.00	\$14,600.00	\$17,100.00	\$18,600.00	
		VARIOUS	TASERS	5 YEARS	\$14,600.00	\$14,600.00	\$14,600.00	\$14,600.00	\$14,600.00	
	Total Other Capital				\$14,600.00	\$32,844.00	\$29,200.00	\$31,700.00	\$33,200.00	\$0.00
Total Capial Improvement Requests					\$367,961.00	\$384,535.00	\$310,210.00	\$321,492.00	\$332,133.00	\$0.00

Facilities 10 Year Plan

			Town of Franklin Facilities Capital Improvement Plan 10 Year Plan											
					Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	Odometer Readings	Year Purchased	Item Description	Replace Cycle	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30
Fleet Requests														
	49767	2008	Ford Plumber vehicle			\$50,000.00								
	Total Fleet				0	\$50,000.00	0	0	0	0	0	0	0	0
Facilities Requests														
			Keller Sullivan Boiler Replacement							\$750,000.00				
			Keller Sullivan Roof						\$1,000,000.00					
			Keller Sullivan Fire alarm replacement				300000							
			Parmenter Boiler Replacement HOLD				\$450,000.00							
			Parmenter Playground HOLD				\$250,000.00							
			Municipal Building Portable Generator Funded											
			Remington Jefferson Roof			\$1,500,000.00								
			Remington Jefferson Boilers			\$1,000,000.00								
			Remington Jefferson B-ball Court Replacement			\$100,000.00								
			Remington Jefferson Fire Alarm Replacement			\$300,000.00								
			Horace Mann Playground							\$250,000.00				
			Horace Mann Roof Replacement										\$1,000,000.00	
			Horace Mann Rooftop Replacement							\$600,000.00				
			Horace Mann Boiler Replacement										\$950,000.00	
			Horace Mann Fire alarm system replacement				\$300,000.00							
			Davis Thayer Roofing Replacement HOLD				\$160,000.00							
			Davis Thayer Boiler Replacement HOLD						\$450,000.00					
			Municipal Building Boilers				\$250,000.00							
			Horace Mann Courtyard Drainage			\$300,000.00								
			Public Safety Communications DONE											
			Kennedy Portable Classroom Demo											
			High School Visitor Bleachers Main Stadium			\$300,000.00								
			Rem/Jeff Security Improvements				\$350,000.00							
			Keller/Sullivan Security Improvements				\$350,000.00							
			Kennedy Security Improvements					\$150,000.00						
			Divider at Horace Mann School		\$25,000.00									
			Kennedy Access Controls		\$30,000.00									
			Historical Museum Coupola Repair CPA		\$60,000.00									
	Total Facilities				\$115,000.00	\$3,500,000.00	\$2,410,000.00	\$150,000.00	\$1,450,000.00	\$1,600,000.00	\$0.00	\$0.00	\$1,950,000.00	\$0.00
Total Capital Improvement Requests					\$115,000.00	\$3,500,000.00	\$2,410,000.00	\$150,000.00	\$1,450,000.00	\$1,600,000.00	\$0.00	\$0.00	\$1,950,000.00	\$0.00

Fire 5 Year Plan

Town of Franklin				Fire Capital Improvement Plan				5 Year Plan				
Odometer Readings	Engine Miles	Year Purchased	Item Description	Replace Cycle	Year Due	Priority Code	2022	Year 1	Year 2	Year 3	Year 4	Year 5
							2023	2024	2025	2026	2027	
		2013	Engine 3	20	2033	1, 2, & 3		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
		2008	Tower 1	25	2033	1 & 2						
		2004	Brush 1	25	2029	1 & 2						
		2004	Brush 2	25	2029	1 & 2						
		2020	Car 1	8	2028	1 & 2						
		2011	Car 2	8	2019	1 & 2	\$61,069					
		2011	Car 3	8	2019	1 & 2	\$61,069					
		2015	Battalion 1	8	2023	1 & 2		\$61,069				
		2011	Car 4	8	2019	1 & 2						
		2011	Car 6	8	2019	1 & 2			\$61,069			
		2010	Car 7	8	2018	1 & 2				\$61,069		
		2013	Ambulance 1	8	2021	1 & 2						
		2021	Ambulance 2	8	2029	1 & 2						
		2016	Ambulance 3	8	2024	1 & 2			\$325,000			
		2014	Ambulance 4	8	2022	1 & 2						
Total Fleet							\$122,138	\$161,069	\$486,069	\$161,069	\$100,000	\$100,000
		2007	Vision 21 Radio Box Decoders	10	2017	1, 2, 3, 4, & 5	\$116,706					
		2021	Solo Rescue Washer	10	2031	1, 2, 4, & 5						
		2021	MSA HUB Units	5	2026	1					\$10,000	
		Various	Protective Firefighting Clothing	10	Various	1 & 3	\$10,000	\$10,000	\$25,000	\$10,000	\$25,000	\$50,000
		2020	Aeroclave Disinfection Unit	5	2025	1, 4, & 5				\$15,000		
		2020	PPE Gear Drying Cabinets	10	2030	1, 4, & 5						
		2002	Breathing Air Compressor - Sta. #2	25	2027	1, 2, & 4						\$150,000
		2018	Auto Extrication Devices	10	2028	1,2						
		2018	PPV Fans	5	2023	2		\$10,000				
		2015	Portable Radios	7	2022	1 & 2	\$91,978	\$100,000	\$100,000	\$100,000		
		2019	External Chest Compressor	5	2024	1			\$25,000			
		2015	Cardiac Monitor/Defibrillators	5	2020	1, 2, & 5		\$75,000				
		2016	Copy Machine - HQ	10	2026	2					\$12,000	
		2019	Pulse Ox/CO Monitor - add'l unit	10	2029	1, 2, & 5						
		2020	E-Bikes	10	2030	2 & 5						
Total Non-Fleet							\$218,684	\$195,000	\$150,000	\$125,000	\$47,000	\$200,000
TOTAL							\$340,822	\$356,069	\$636,069	\$286,069	\$147,000	\$300,000

# DPW Highway & Grounds 5 Yr Plan

			Town of Franklin Highway & Grounds Capital Improvement Plan 5 Year Plan							
						Year 1	Year 2	Year 3	Year 4	Year 5
	Odometer Readings	Year Purchased	Item Description	Replace Cycle	FY21	FY22	FY23	FY24	FY25	FY26
<b>Fleet Requests</b>										
D-1	38082	2016	GMC 1500 Pick-up	7				40000		
D-2	51665	2011	Malibu Sedan	10				30000		
H-1	16746	2019	Ford F-150 4x4 P/U	7						
H-3	77276	2001	Sterling Dump w/Plow/Sander	10			180000			
H-4	14455	2016	Freightliner Dump w/Plow/Sander	10						
H-5	18584	1997	Ford Dump w/Plow/Sander	10	180,000					
H-6	10667 hrs.	2000	John Deere Loader	15		200,000				
H-7	46245	2000	Sterling Dump w/ Plow/Sander	10			180000			
H-8	17050	2017	Ford 1 Ton Dump w/Plow	7						65000
H-9	32986	2009	International Dump w/Plow/Sander	10					200000	
H-11	59794	2014	Ford F-150 P/U 4x4	7				40000		
H-10	117,445	2005	Sterling Dump w/ Plow/Sander	10			200000			
H-12	473 hrs.	2018	Kabota Excavator	12						
H-13	61949	1998	Ford Dump w/Plow/CB Cleaner	10				165000		
H-14	445 hrs.	2018	Multi-hog sidewalk plow	12						
H-15	1258 hrs.	2004	Bomag Vibratory Roller	15						
H-16	20194	2016	Ford 1 Ton Dump w/Plow	7						
H-17	72609	2002	Ford 1 Ton Dump w/Plow	7	65000					
H-18	8894	2017	Freightliner Dump w/Plow/Sander	10						
H-19	1218 hrs.	2013	Terex Skidsteer	12			50000			
H-20	82983	2006	Ford F-550 Buck Truck	10						150000
H-22	53203	1999	Sterling Dump w/Plow/Sander	10			200000			
H-23	4944 hrs.	2012	Hyundai Loader	15					170000	
H-25	115 hrs.	2018	Salsco Paver	15						
H-24	68403	2005	Sterling Dump w/Plow/Sander	10				200000		
H-27	4404 hrs.	2004	John Deere Tractor	12						
H-28	34544	2008	Sterling Dump w/Plow/Sander	10					200000	
H-29	38762	2002	Sterling Dump w/Plow/Sander	10				200000		
H-30	4301	2018	Freightliner Dump w/Plow/Sander	10						
H-33	1363hrs.	2013	John Deere Skid-Steer Loader	9				65000		
H-34	9901	2017	Ford 1 Ton Dump w/Plow	7						
H-35	14562	2003	Bombardier Sidewalk Plow	12		130,000	130000			
H-36	114 hrs.	2017	Multi-hog sidewalk plow	12						
H-37	48218	2006	Ford Dump w/Plow/Sander	10			200000			
H-38	52767	1999	GMC w/Sander	10		180,000				
H-39	117,968	2005	Ford F-350	7		65,000				
H-40	726hrs.	2014	Terex Skidsteer					50000		
HS-1	2428hrs.	2015	Elgin Streen Sweeper	8					200000	
HS-2	556hrs.	2019	Global Street Sweeper	8						
TR-1		2012	15 Ton Trailer	15						
TR-8	22hrs.	2005	Stetco Jetting Unit	10						
TR-9	5967hrs.	1993	Ingersol Air Compressor (towed)	10						
TR-32	672 hrs.	2015	KM International Hot box	7				30000		
TR-34	95 hrs.	2016	Sullivan Air Compressor	12						
TR-37	807hrs.	2020	KM International Hot box							
M-1	16415	2019	Ford F-250 Utility Body	8						
T-2	115264	2006	Ford F-350 4x4 Pick-up	7			50000			
T-3	4800	2020	Chevy 1-Ton 4x4 W/Plow	7						
T-4	85940	2004	Ford F 250 4x4 Pick-up	10		55,000				
T-5	135321	2006	Ford PU 4x2 F-250	7		50,000				
T-6	33357	2007	Ford F-550 4x4 Stake Body	9				60000		
T-7	65790	2006	Ford F-350 Utility body	7						55000
T-8	3508	2020	Freightliner Dump w/Plow/Sander	7						
T-10	25,214	2015	Ford F-350 6.8 L Dump W/Sander	7						180000
T-11	26640	2016	GMC Crew Cab	7						50000
T-12	149167	2001	Ford F-350 4x4 5.4L with small sander	7			50000			
T-13	2170 hrs.	1999	Kubota L4310 HS	15		52,000				
T-14	8990 hrs.	1997	John Deere Tractor Model 855	15				50000		
T-16	55629	2005	Ford F-550 4x4	7			65000			

DPW Highway & Grounds 5 Yr Plan

			Town of Franklin Highway & Grounds Capital Improvement Plan 5 Year Plan							
						Year 1	Year 2	Year 3	Year 4	Year 5
	Odometer Readings	Year Purchased	Item Description	Replace Cycle	FY21	FY22	FY23	FY24	FY25	FY26
T-18	108757	2004	Ford F-550 xl Super Duty	7			65000			
LM-1	1283 hrs.	2019	Exmark Z-turn 100 " Lawn mower	7						
LM-2	80 hrs.	2020	Kubota ZD28 F-60 "P	7						
LM-3	868 hrs.	2015	John Deere 72" Zero Turn	7				25000		
LM-4	2248 hrs.	2012	Toro 4100 D Wide Area Mower	7		80,000				
LM-5	1422 hrs.	2015	Toro 4100 D Wide Area Mower	7					80000	
LM-6	245 hrs.	2018	John Deere 48 " Z-turn Lawn Mower	7						
LM-8	1890 hrs.	2014	John Deere 72" Zero Turn	7				25000		
LM-9	335 hrs.	2018	John Deere Z-turn Lawn Mower	7						
LM-10	372 hrs.	2013	John Deere Field Groomer	10				20000		
LM-11	182 hrs.	2017	Smithco Field Groomer	7						25000
TR-6	92113 hrs.	1999	Woodchuck Chipper Model-WC-19	10			65000			
LM -7	0 hrs.	2021	John Deere 72" Zero Turn on order	7						
	843 hrs.	2011	Husqvarna golf cart	7						20000
	Total Fleet				245,000.00	812,000.00	1,435,000.00	1,000,000.00	840,000.00	525,000.00
Equipment Requests										
Total Capitial Improvement Requests					245,000.00	812,000.00	1,435,000.00	1,000,000.00	840,000.00	525,000.00

DPW 5yr Plan - Sewer

			Town of Franklin Sewer Capital Improvement Plan 5 Year Plan							
						Year 1	Year 2	Year 3	Year 4	Year 5
<i>Fleet Requests</i>	Odometer Readings	Year Purchased	Item Description	Replace Cycle		FY22	FY23	FY24	FY25	FY26
W-8	3,943	2019	International Sewer Vactor	2034						
W-9	67,223	2015	Ford 550 Dual Wheel	2023					\$75,000	
W-11	3471 hrs	2006	Case Backhoe	2026						
W-16	1,466	2020	Chevy 2500 Silverado Utility Body	2030						
W-22	105,961	2013	Ford F-150 Pick up	2023				\$40,000		
W-24	29,822	2008	Ford F-550 Dump Truck	2023				\$75,000		
Total Fleet						\$0	\$0	\$115,000	\$75,000	\$0
<i>Equipment Requests</i>	Hours	KW	Make	Year Installed	Replace Year	FY22	FY23	FY24	FY25	FY26
9 Ainsley Dr.	5.8	15	Generac	2021	2051					
35 Bridle Path	57.8	25	Generac	2019	2049					
65 B Charles River Dr.	466.7	35	Katolight	1999	2029					
59 B Anthony Rd.	125.4	30	Superior	2005	2035					
8 A Dawn Marie Cir.	556.5	15	Generac	1988	2018	\$60,000				
445 East Central St.	270.2	60	Superior	2000	2030					
32 Liberty Way (FIP)	115.6	125	Olympian	2007	2037					
Grove #1	95	18	Wisconsin (Inline Engine)	1986	2026					
Grove #2	40.3	18	Wisconsin (Inline Engine)	1986	2026					
34 A Jackson Cir.	11.9	35	Wisconsin (Inline Engine)	1998	2028					
3 Jefferson Rd.	424.3	25	Generac	1990	2020		\$60,000			
18 Kenwood Cir.	820.6	45	Kohler	1996	2026					
Milliken Ave.	439	100	Superior	1998	2028					
2 Monterey Dr.	111.4	40	Generac	2017	2047					
180 Longhill Rd.	1322.3	30	Kohler	1993	2023				\$60,000	
4 Oxford Dr.	313.8	35	Kohler	1997	2027					
46 Palomino Dr.	930.8	35	Kohler	1998	2028					
61 Populatic St.	475.8	45	Kohler	2001	2031					
2 Red Gate Lane	829	50	Kohler	1995	2025					\$85,000
14 B Squibnocket Rd.	370	45	Onan	1992	2022			\$80,000		
393 Washington St.	147.5	125	Superior	2003	2033					
Beth Road (Drainage)	23.8	16	Generac	2016	2046					
Total Equipment						\$60,000	\$60,000	\$80,000	\$60,000	\$85,000
<i>Capital Projects</i>	Description	Total Opinion of Probable Project Costs	Year Installed	Replace/Repair Year	FY22	FY23	FY24	FY25	FY26	
System-Wide Hydraulic Model	Phase 2 of Collection System Master Plan	\$250,000	NA							
Replace Air Bubbler Systems at 9 Lift Stations	The Town is currently in the process of replacing air bubbler systems at each pump station. The following pump stations still require bubbler replacements: Public Works Sewer Lift Station, Grove No. 1 Sewer Lift Station, Grove No. 2 Sewer Lift Station, Jackson Sewer Lift Station, Kenwood Sewer Lift Station, Longhill Sewer Lift Station, Oxford Sewer Lift Station, Palomino Sewer Lift Station, and Red Gate Sewer Lift Station.	\$525,000	Various		\$200,000	\$175,000	\$150,000			
Phase 6 Sewer Rehab	Phase 6 Sanitary Sewer Rehabilitation includes rehabilitation of approximately 19,000 LF of sanitary sewer pipe by cured-in-place pipe lining and cured-in-place spot repairs throughout the Beaver Street Interceptor sewershed. Continue efforts to remove I&I from the sewer system, while repairing the structural integrity of older pipes in the system.	\$1,200,000	Various		\$1,200,000					
Sahlin Street, Monterey Sewer, Dawn Marie & Anthony Rd Ejector Station Equipment	Replacement of Sewer Ejector Pots that are over 30 years old and the steel pots are rotting causing leaks at Monterey, Dawn Marie, and Ainsley Sewer Pump Stations.	\$1,000,000	Various		\$300,000		\$200,000	\$200,000		
Planning Study for future phases of I&I reduction	Flow Metering, analysis, and planning study to identify future areas for I&I reduction	\$250,000	Various		\$20,000					
Phase I SCADA Upgrades	Updgrade radio and PLC equipment at each sewer pump station to current technology.	\$100,000	Various		\$100,000					
Beaver Street Interceptor Value Engineering		\$25,000,000	1914 / 1957 / 1980	2023						
Total Capital Projects		\$28,325,000			\$1,820,000	\$175,000	\$350,000	\$200,000	\$0	
Total Capital Improvement					\$1,880,000	\$235,000	\$545,000	\$335,000	\$85,000	

# DPW 5yr Plan - Water

			Town of Franklin Water Capital Improvement Plan 5 Year Plan							
						Year 1	Year 2	Year 3	Year 4	Year 5
<i>Fleet Requests</i>	<i>Odometer Readings</i>	<i>Year Purchased</i>	<i>Item Description</i>	<i>Replace Cycle</i>		<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>
W-1 (Approved FY 21)	88,656	2008	Ford F-150 Pick up	2016						
W-3	26,606	2013	Freightliner Utility Vehicle	2033						
W-4	7,696	2018	International Dump Truck	2033						
W-7a (Approved FY 21)	112,134	2007	GMC 1500 Pick-up	2015						
W-10	60,406	2016	Chevy Silverado Pick up	2024						
W-12	52,767	2016	GMC Pick-up	2024						
W-13	3,982 hrs	2009	Kubota Mini Backhoe	2024						\$200,000
W-14 (Approved FY 21)	48,867	1999	Sterling Dump Truck	2014						
W-15	30,863	2008	Ford F-550 Dump Truck	2018			\$60,000			
W-17	32,572	2017	Chevy Silverado Pick up	2025						
W-18	40,425	2004	Sterling Dump Truck	2019				\$180,000		
W-21	76,085	2015	Chevy Silverado Pick up	2023						
W-23	412.9 hrs	2019	Case 580M Backhoe	2039						
W-25 (Approved FY 21)	72,904	2008	Ford Ranger Pick up	2016						
W-27	983 hrs	2008	John Deere Skid-Steer	2023						
W-30	851 hrs	2001	Bomag Roller	2021			\$30,000			
W-31	159,850	2000	Mack Ten Wheel Dump	2025					\$250,000	
T-9	74396	2008	Ford F350 Utility Pickup 4WD	2018		\$65,000				
TR-18	625 hrs		Compressor Trailer							
Valve Exerciser			Hurco Valve Exerciser			\$20,000				
<b>Total Fleet</b>						<b>\$85,000</b>	<b>\$90,000</b>	<b>\$180,000</b>	<b>\$250,000</b>	<b>\$200,000</b>
						Year 1	Year 2	Year 3	Year 4	Year 5
<i>Equipment Requests</i>	<i>Hours</i>	<i>KW</i>	<i>Make</i>	<i>Year Installed</i>	<i>Replace Year</i>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>
Water Treatment Plant	454.7	450	Cummins	2005	2035					
Grove Street WTP	22	240	Kohler	2021	2051					
Wells No. 1 & 2	409.4	100	Cummins	2005	2035					
Well No. 3	1.6	105	Kohler	2021	2051					
Well No. 4	249.3	110	Superior	2006	2036					
Well No. 5	401.8	120	Katolight	2006	2036					
Well No. 6	22	130	Kohler	2021	2051					
Well No. 7	202.7	125	Kohler	2014	2044					
Well No. 8	171.5	100	Generac	2018	2048					
Well No. 9	306.6	50	Kohler	2002	2032					
Well No. 10	17.3	50	Kohler	2020	2050					
Hillside Tanks		7	Generac	2013	2043					
Bright Hill Booster	171.7	80	Kohler	2014	2044					
Dianna Estates Booster	885.3	50	Kohler	1993	2023		\$60,000			
Pleasant Street Booster	318.7	150	Kohler	2010	2040					
FIP Booster	175	75	CAT	2007	2037					
Tanglewood Booster	503	60	Kohler	2001	2031					
Susan's Way	351.2	60	Kohler	2005	2035					
Washington Street Booster	98	60	Blue Star	2015	2045					
Cornwallis/Lyons Street	363.6	50	Kohler	1999	2029					
<b>Total Generators</b>						<b>\$0</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
						Year 1	Year 2	Year 3	Year 4	Year 5
<i>Capital Projects</i>	<i>Description</i>	<i>Total Opinion of Probable Project Costs</i>	<i>Year Installed</i>	<i>Replace /Repair Year</i>		<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26</b>
Hillside Tank Repair #1 & #2	Rehab and add mixer or Replace with one single tank	\$6,940,000	1888 / 1928	2022		\$290,000				
Fisher St WTP Filter Replacement	The Town replaced the plant's membrane cartridges in 2019. With a projected 5-year life span, and the reported obsolescence of the Koch membrane equipment in use at the plant, replacement of the overall membrane system is expected to represent appreciable cost in 2023-2024. The Town wishes to review its future options, namely a replacement ozone/membrane-based system versus installation of a non-membrane treatment system featuring a pressurized media filtration system such as greensand filtration, similar to the Grove Street WTP.	1,500,000 - 2,500,000	2019	2024		\$60,000	\$2,000,000			
Pleasant Street Tank (Reconfigure existing Service Area)	Reconfigure the existing low service area (Pleasant Street) system to eliminate the "in series" pumping. Demo old tank and booster station, install new PRV stations and replace Well No. 4 pump	\$2,500,000	1964	2022				\$210,000	\$2,290,000	
Forge Hill Tank Repair	Rehab tank	\$960,000	1977	2024			\$25,000	\$960,000		
Bald Hill Tank	Rehab tank	\$600,000	1996	2024			\$25,000	\$600,000		

DPW 5yr Plan - Water

			Town of Franklin Water Capital Improvement Plan 5 Year Plan							
Meter Replacements	The Franklin Water system includes over 10,000 water meters, all of which act as cash registers for the water and sewer department. AWWA recommends that water meters be replaced every 10-15 years. As meters age, their accuracy decreases, generally in favor of the customer. Therefore, we would like to continue our 20 year meter replacement program.			N/A	20-years	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Infrastructure	Replacement of water main sections prone to leaks. Also, includes funding to start a Valve Exercising and Replacement Program throughout Town.	\$550,000				\$350,000	\$50,000	\$50,000	\$50,000	\$50,000
Phase II SCADA Upgrades	Connecting SCADA System sites to Town wide Fiber Optic to improve overall communication and operations	\$200,000				\$200,000				
Phase III SCADA Upgrades	Update Communication equipment & Fiber connections	\$100,000		N/A				\$100,000		
Total Capital Projects		\$11,850,000				\$950,000	\$2,150,000	\$1,970,000	\$2,390,000	\$100,000
Total Capital Improvement						\$1,035,000	\$2,300,000	\$2,150,000	\$2,640,000	\$300,000



# School & Technology 5yr Plan

Town of Franklin School Capital Improvement Plan 5 Year Plan											
	Odometer Readings at 10/2021	Year Purchased	Item Description	Replace Cycle	Year 2 FY22	Year 3 FY23	Year 4 FY24	Year 5 FY25	Year 7 FY26	Year 8 FY27	Year 9 FY28
<b>Fleet Requests</b>											
Special Ed. Van	97,134	2009	Van #1 - to auction								
Special Ed. Van	137,803	2011	Van #5						\$63,000		
Special Ed. Van	131,200	2010	Van #6 - kept as spare					\$61,000			
Special Ed. Van	129,338	2010	Van #7				\$59,000				
Special Ed. Van	131,080	2011	Van #3							\$65,000	
Special Ed. Van	87,087	2009	Van #2 - repl. due to age/seating capacity (6 vs 8)			\$57,000					
Special Ed. Van	49,118	2010	Van #4 (Wheelchair)								
Special Ed. Van			Additional Van - program expansion to 14 vans (13+spare)		\$55,000						
	Total Fleet				\$55,000	\$57,000	\$59,000	\$61,000	\$63,000	\$65,000	\$0
<b>Equipment Requests</b>											
Math			Replacement materials for elementary math instruction - licenses and textbooks - 5 year subscription		\$380,000 [1]					\$380,000	
Science			Replacement materials for elementary and middle science instruction			\$150,000 [2]					
Social Studies			Replacement materials for HS social studies instruction		\$125,000	\$100,000 [3]					\$100,000
ELA			Replacement materials for elementary literacy instruction				\$350,000				
	Total Equipment				\$505,000	\$250,000	\$350,000	\$0	\$0	\$380,000	\$100,000
<b>Technology Requests</b>											
500 Chromebooks			Replacement Devices for 1:1 Chromebooks (\$250 per unit)	5		\$250,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000
Physical Domain Controllers (town and school)			For redundancy and on site authentication of employees if we lose the fiber connection	6	\$20,000						
MediaCast replacement at FHS			Mediacast software at FHS	8		\$150,000					
TV studio replacement at FHS			TV studio replacement at FHS to last another 5 years	10		\$282,000					
Interactive Whiteboards at FHS			75-inch Touchview whiteboard replacement	10		\$285,200					
Terrablock Server at FHS			Terrablock Server allows mac computers to back up and maintain video editing work	6	\$40,000						
	Total Technology				\$60,000	\$967,200	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000
<b>Facilities Requests</b>											
See Facilities for School Needs											
	Total Facilities				\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other Capital Item Requests</b>											
Walk In Cooler			Rem Jeff walk in Cooler- needed 11K in repairs, so using FHS outdoor cooler was moved to R/J (outside) in the interim and looking to replace		\$81,000						
Foodservice van			Replace F-1 Foodservice van with Box truck/dock capability/ramp pullout or lift. Courier van floor has holes - need to check with DPW re: repairs and need to change inspection schedule from November to summertime			\$60,000					
	Total Other Capital				\$81,000	\$60,000	\$0	\$0	\$0	\$0	\$0
Total Capital Improvement Requests					\$701,000	\$1,334,200	\$534,000	\$186,000	\$188,000	\$570,000	\$225,000

Technology 5yr Plan

			Town of Franklin Technology Capital Improvement Plan 5 Year Plan							
						Year 1	Year 2	Year 3	Year 4	Year 5
	Odometer Readings	Year Purchas ed	Item Description	Replace Cycle	FY21	FY22	FY23	FY24	FY25	FY26
Technology Requests										
			SonicWall Firewall Upgrade		65,517					
			Technology Stabilization fund	annual		500,000	500,000	500,000	500,000	0
	Total Technology				\$65,517	\$500,000	\$500,000	\$500,000	\$500,000	\$0
Facilities Requests										
	Total Facilities				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Captial Item Requests										
	Total Other Capital				\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Captial Improvement Requests					\$65,517	\$500,000	\$500,000	\$500,000	\$500,000	\$0



75 State Street, Suite 701  
Boston, MA 02109  
telephone (617) 452-6000

September 30, 2021

Mr. Robert A. Cantoreggi, Director  
Franklin Department of Public Works  
257 Fisher Street  
Franklin, Massachusetts 02038

**Subject: Evaluation of Alternatives for the Fisher Street Water Treatment Plant  
Town of Franklin, MA**

Dear Mr. Cantoreggi:

In response to your request, CDM Smith Inc. (CDM Smith) appreciates the opportunity to present this proposal to provide the Town of Franklin (Town) with Engineering Services related to the evaluation of improvement alternatives for the Fisher Street Water Treatment Plant. This proposal outlines the tasks associated with the work.

## **Background**

The Fisher Street Water Treatment Plant (WTP) features the use of ozone as a pre-oxidant and membrane filtration to achieve iron and manganese removal from groundwater supply Wells 1, 2, 2A, and 2B. The Town reports that the membrane plant has been problematic since it was built. The plant's operating costs are reportedly high due to appreciable maintenance, numerous pumping steps through the process, electrical energy use, chemical requirements, and residuals production.

Membrane manufacturer support from Koch (the manufacturer of the existing membrane assemblies) has been inconsistent, and a 2019 chemical fire at this facility represented the latest in a series of significant operational challenges at this plant. Numerous features from the original plant design pose challenges to the Town. For example, the depressed, sunken floor in the chemical area is covered with grating, hindering the staff's ability to perform inspection and observe anomalies on daily rounds. The decant tanks lack sloped floors, posing maintenance challenges. The downstream sanitary sewer pumping station receives residuals flow from this plant and is reportedly regularly overwhelmed by incoming WTP residuals flow.

The Town replaced the plant's membrane cartridges in 2019. With a projected 5-year life span, and the reported obsolescence of the Koch membrane equipment in use at the plant, replacement of the overall membrane system is expected to represent appreciable cost in 2023-2024. The Town wishes to review its future options, namely a replacement ozone/membrane-based system versus installation of a non-membrane treatment system featuring a pressurized media filtration system such as greensand filtration, similar to the Grove Street WTP.





Mr. Robert A. Cantoreggi

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## Scope of Work

### Task 1 – Project Kickoff, Data Gathering, and Project Administration

CDM Smith will facilitate a kick-off meeting to be held via conference call with representatives of the Town to confirm project activities and key stakeholders.

CDM Smith will request existing information for review to be provided by the Town at the start of the project, such as:

- As-built plan information for the Fisher Street WTP and Well Nos. 1, 2, 2A, and 2B;
- All available production data, raw water quality data and finished water quality data for the Fisher Street WTP and Well Nos. 1, 2, 2A, and 2B for the past five years;
- Maintenance and repair records for the Fisher Street WTP and Well Nos. 1, 2, 2A, and 2B;
- Recent Massachusetts Department of Environmental Protection (MassDEP) sanitary surveys for the Fisher Street WTP and Well Nos. 1, 2, 2A, and 2B;
- Additional information may be requested by the ENGINEER during the evaluation.

As the Town is supplied exclusively by groundwater sources, some water quality parameters (such as organics) are not routinely monitored in the current operations but will impact treatment practices. As such, CDM Smith recommends that Franklin collect additional water quality data that will be helpful to the evaluations and detailed work to be conducted. As such, as part of Task 1 CDM Smith will identify additional water quality parameters to be analyzed. It is assumed that the Town will collect samples and acquire testing services of an outside laboratory. The preliminary list of parameters includes the following for the individual wells and for the finished water:

- Dissolved and Total Organic Carbon (DOC and TOC)
- Total and dissolved iron and manganese
- Hardness, alkalinity, calcium and magnesium
- Chloride and sulfate
- pH and temperature (field measurements at time of sample collection)
- PFAS

CDM Smith will provide project administration inclusive of client communications, management of scope, schedule and budget, monthly invoicing, and provide written monthly progress summaries.



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## Task 2 – Develop Conceptual Design for Two Alternatives

Assuming PFAS is detected to be suitably below the 20 ppt threshold, CDM Smith will develop design concepts for two alternatives, one based upon ozone and membranes, and the other based upon pressurized media filtration. The considerations associated with Task 2 are as presented in the table below:

Project Component	Membrane Alternative	Pressurized Media Filter Alternative
<b>TECHNOLOGY-SPECIFIC EVALUATIONS</b>		
Solicit equipment selections and budgetary cost quotations from filter system manufacturers	a. Koch (existing manufacturer)	a. Hungerford & Terry (greensand)
	b. Dow / US Filter	b. Layne (greensand)
	c. Suez (ZeeWeed product line)	c. Tonka (greensand)
	d. Pall	d. Pureflow (proprietary media)
Ozone system	Solicit quotations for ozone system modernization	Not applicable
Develop pumping modernization concepts	a. Modernize well pumps	a. Retrofit well pumps with higher discharge head to drive flow through pressure filters
	b. Modernize raw water pumps	b. Bypass raw water pumping system
	c. Modernize finished water pumps	c. Modernize finished water pumps
Define disinfection system improvements	a. Review measures to achieve 4-log virus inactivation	a. Review measures to achieve 4-log virus inactivation
	b. No other disinfection improvements apply to this alternative.	b. Review potential for ultraviolet disinfection to balance membranes' physical "barrier"
<b>EVALUATIONS COMMON TO EACH ALTERNATIVE</b>		
Well House No. 2 Building Envelope	Assign budgetary allowance for building systems improvements. Deploy architect for site visit and visual facility review.	
Fisher Street WTP Building Envelope	Assign budgetary allowance for building systems improvements. Deploy architect for site visit and visual facility review.	



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Project Component	Membrane Alternative	Pressurized Media Filter Alternative
Well House No. 2 Electrical Improvements	Deploy electrical construction professional for site visit and visual facility review.	
Fisher Street WTP Electrical Improvements	Deploy electrical construction professional for site visit and visual facility review. Further discuss reports of stray currents.	
Chemical Storage and Feed Systems	Develop revised configuration concept for chemical storage and feed areas.	
Liquid Oxygen System	Contact vendors and report on potential for re-use or re-sale of Liquid Oxygen tanks and vaporizers.	
Miscellaneous	Assign cost allowances for remedying miscellaneous plant issues - lack of fire sprinkler system, provision of curbs around hatches at clearwell, installing grout to slope decant tank floors, and other items that may be identified through meetings with the Town and review of facilities.	

### Task 3 – Prepare Conceptual Design Summary Memorandum

CDM Smith will develop a draft memorandum that includes the following:

1. Presentation of basic design criteria – water quantity and water quality.
2. Narrative summary of both alternatives, with concept-level drawing figures to illustrate concepts.
3. Opinion of Probable Construction Cost (OPCC) and Opinion of Probable Project Cost (OPPC) for each alternative, including a life cycle cost comparison between alternatives.
4. Remarks on noise, O&M labor, and general safety considerations associated with each alternative including comparative operating cost discussion between the two alternatives.
5. Implementation schedule remarks for each alternative.
6. Recommendation

CDM Smith will address Town comments on the draft Technical Memorandum and submit a final Technical Memorandum. We recommend a conference call be held with MassDEP's Central Region to gather their input before finalizing the Technical Memorandum.



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The deliverable for this task will be a final electronic .pdf copy of the Technical Memorandum.

### **Anticipated Future Scope of Work**

CDM Smith has provided for planning purposes, an anticipated scope of work based on current information and past experience on similar projects. The specific level of effort and budget to accomplish future work can be provided to the Town after this initial project's findings are known and can be added to this project by future amendment. It is anticipated that future work, next steps under separate agreement, would include: pilot testing, preliminary design, final design, bidding, construction and startup and commissioning.

### **Responsibilities of the OWNER**

- Accompany CDM Smith during the architect and electrical construction professional site visit.
- Perform timely review of deliverables submitted by CDM Smith and provide Franklin's consolidated, written comments.
- Collect raw and treated water samples for the list of parameters identified in Task 1, as well as provide pumping and chemical dosing information as requested by CDM Smith.
- Acquire laboratory services for testing of water quality parameters as needed for the work in Task 1.
- Furnish O&M cost information for the existing plant.
- Provide maintenance and repair records for the Fisher Street WTP and Well Nos. 1, 2, 2A, and 2B;
- Provide copies of recent MassDEP sanitary survey reports.

### **Staffing**

Anticipated staffing to perform the scope of work is:

- |                               |  |
|-------------------------------|--|
| ■ Client Service Leader       | Lisa Gove, PE  |
| ■ Project Manager             | Michaela Bogosh, PE, PMP                               |
| ■ Technical Lead              | Al LeBlanc, PE   |
| ■ Senior Technical Reviewers: | Mark White, PE, Jeff Diercks, PE; Georgine Grissop, PE |

### **Schedule**

For the scope of services described above, the anticipated time to complete Phase I tasks and to deliver the Draft Technical Memorandum is within 3 months of Project Agreement execution.

For reference, the anticipated schedule is as follows:



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- |                                      |   |
|--------------------------------------|---|
| ▪ Kickoff Meeting                    | Within 7 days of Project Agreement execution              |
| ▪ Town to provide existing documents | Within 7 days of Kickoff Meeting                          |
| ▪ Provide Draft Technical Memo       | Within 9 weeks of Owner's provision of existing documents |
| ▪ Provide Final Technical Memo       | Within 14 days of the receipt of Owner's Draft comments   |

## Budget

We propose to complete the work associated with Tasks 1-3 as described above for a Not-to-Exceed amount of \$57,600.00.

## Method of Payment

For the Services performed as described above, the OWNER agrees to pay the ENGINEER a cost-plus fee (CPF) amount not to exceed \$57,600.00. The CPF amount shall consist of all direct and indirect costs as described below incurred in or directly attributable to the performance of the services plus a fee.

## Direct Costs

- a. Direct Labor Cost. The ENGINEER shall be compensated for the services of its personnel on the basis of direct labor cost (chargeable salaries without fringe benefits) as incurred by the ENGINEER's personnel for the time such personnel are directly utilized on the work. The salaries of any personnel assigned are subject to modification by the ENGINEER throughout the term of this Agreement as part of scheduled company-wide personnel evaluation.
- b. Travel Expenses and Subsistence. The ENGINEER shall be paid actual costs of travel expenses including air fare, automobile rental, if required, mileage charges, parking, tolls, and taxi, lodging, and subsistence where such expenses are directly related to the performance of the work.
- c. Other Incidental Direct Costs. The cost of other services as may be required hereunder, but which are not normally included as part of the overhead of the ENGINEER, shall be reimbursed to the ENGINEER. Such other services as required to complete this Agreement may include but are not limited to the following: printing, costs, reproduction costs, laboratory analysis charges, field equipment rental charges, mailing, shipping costs and special equipment procurement.
- d. For work done by subcontractor or consultants (Outside Professionals), at the actual cost to the ENGINEER of such services plus a Subcontractor Markup of five (5%) percent.





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### **Indirect Cost**

Overhead and Fringe Benefits. In addition to the payments as hereinbefore provided, the OWNER agrees to pay to the ENGINEER for overhead and fringe benefits (expressed as a factor times direct labor costs) incurred by the ENGINEER during the life of this Agreement. The provisional indirect cost rate factor shall be one hundred and seventy-six and three tenths percent (176.3%) of all direct labor costs of employees of the ENGINEER, with the exception of those employees serving as Field Staff, for which the provisional indirect cost rate factor shall be one hundred and seven and three tenths percent (107.30%).

### **Fee**

The OWNER agrees to pay the ENGINEER a fee based on ten percent (10%) of the sum of Direct Labor and Indirect Costs and to make monthly partial payments of the fee in proportion to the cost of services rendered.

### **Miscellaneous**

If the above scope, schedule and budget meets with the Town's approval, we will prepare an Agreement to officially authorize the work. This proposal shall be attached to and made part of the Agreement. Please provide any purchase order numbers or accounting reference numbers that the Town would like to see listed on our invoicing. We would be happy to include such numbers for more efficient invoice processing.

We appreciate the opportunity to provide these professional services to the Town and look forward to working with you and your staff. Should you have any question, feel free to contact me at (617) 452-6654 or GoveLH@cdmsmith.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Lisa H. Gove".

Lisa H. Gove, P.E.

Client Service Leader/Vice President  
CDM Smith Inc.

cc: Douglas Martin – Town of Franklin  
Al LeBlanc, Jeff Diercks, Michaela Bogosh - CDM Smith



**Liberty Chevrolet**



Franklin Water Dept.  
257 Fisher St  
Franklin, Ma 02038  
Attn: Doug Martin

December 7, 2021

Sir

Per your request, I am writing to offer a proposal to supply your department with a new Chevrolet per our contract #20-24, with the Plymouth County Commissioners. All vehicles offered under this contract come with a 5 year/100,000 mile powertrain warranty.

**2022 Chevrolet Silverado 1500 LTD 4WD Crew Cab 157" CK18743**

**KEY STANDARD FEATURES**

Features based on Work Truck 2WD with 1WT equipment group.

SAFETY + SECURITY Rear Vision Camera

Tire Pressure Monitoring System (excludes spare tire) with Tire Fill Alert

**PERFORMANCE**

2.7L Turbo engine (310 hp/348 lb.-ft. of torque)

Trailer Sway Control

**PRODUCTIVITY + DRIVE EXPERIENCE**

40/20/40 three-passenger split-bench front seat with covered armrest storage

60/40 folding rear bench seat

Apple CarPlay and Android Auto capable

Cargo tie-downs (12 welded)

Chevrolet Infotainment 3.0 with 7-inch diagonal color touch-screen

CornerStep rear bumper Recovery hooks

Rubberized-vinyl floor covering

USB ports (2)

**KEY AVAILABLE FEATURES**

Optional features and packages vary by trim level. See Order Guide for details.

3.0L Duramax Turbo-Diesel engine (277 hp/460 lb.-ft. of torque)

5.3L EcoTec3 V8 engine featuring capability and Active Fuel Management (355 hp/383 lb.-ft. of torque)

2-inch suspension lift (Trail Boss models) 2-speed Autotrac transfer case (4WD only)

Available Wi-Fi Hotspot \$33,883.00

Liberty Chevrolet, Inc.

90 Bay State Road • Wakefield, MA 01880 • Main 781-246-1919 • Fax 781-245-8987 • [www.libertychevy.com](http://www.libertychevy.com)

**Factory Options:**

L84	5.3 Liter V8 Gas Engine	\$1,395.00
QDV	P265/70R17 All Terrain Tires	\$200.00
PCV	WT Convenience Package	\$1,120.00
VYU	Factory Snow Plow Prep Package	\$400.00
Z82	Heavy Duty Trailering Package	\$395.00
G80	Heavy Duty Locking Differential	\$395.00
JL1	Electronic Trailer Brake Controller	\$275.00
5H1	2 Additional Keys	\$45.00
	Estimated Model Year Increase 2022/2023	\$4,000.00
<b>TOTAL FACTORY OPTIONS</b>		<b>\$8,225.00</b>

**Additional Contract Options:**

826	Black Tube Steps	\$770.00
855	Spray-in Bedliner for Pickup	\$990.00
895	Whelen Mini Liberty LED Lightbar	\$1,500.00
907	Whelen Vertex Corner Flashers	Front \$720.00
907	Whelen Vertex Corner Flashers	Rear \$720.00
DI	Weathertech Floor mats	\$110.00
DI	Acari Light Bracket	\$510.00
DI	Fisher 7.5' HT Plow	\$7,150.00
DI	Steel Snow Deflector	\$330.00
<b>TOTAL DELIVERED PRICE</b>		<b>\$54,938.00</b>

Please note that GM is no longer taking any orders for Model year 2022. The price offered above is for the 2023 Chevrolet Silverado 1500.

Thank you for your consideration of Liberty Chevrolet. If you have any questions concerning our proposal, please don't hesitate to contact me at (781) 287-7542.

Best Regards,  
Jason Monahan  
Municipal Sales Manager  
Jason@LibertyChevrolet.com

Liberty Chevrolet, Inc.

90 Bay State Road • Wakefield, MA 01880 • Main 781-246-1919 • Fax 781-245-8987 • [www.libertychevy.com](http://www.libertychevy.com)



75 State Street, Suite 701,  
Boston, MA 02109  
tel: (617) 452-6000

November 5, 2021

Mr. Robert A. Cantoreggi, Director  
Franklin Department of Public Works  
257 Fisher Street  
Franklin, Massachusetts 02038

Subject: **Attachment A: Engineering Design for Hillside Storage Tank Replacement**

Dear Mr. Cantoreggi:

In response to your request, CDM Smith Inc. (CDM Smith) is pleased to present this proposal to provide the Town of Franklin with Engineering Services related to the design of a new storage tank at the existing Hillside storage facility. This proposal outlines the tasks associated with the work.

## Introduction

The Town of Franklin currently utilizes two existing, riveted steel tanks as the Hillside distribution storage facility. Serving the primary service area for the water system, Hillside Tank No. 1 was originally constructed in 1888 and Hillside Tank No. 2 in 1928. At the previous request of the Department of Public Works, CDM Smith prepared a Technical Memorandum dated April 17, 2020, summarizing results and recommendations from a 2019 Water Storage Facilities Inspections for the Town of Franklin. Water storage tank inspections were performed by Underwater Solutions, Inc. (Underwater Solutions) between October 28 – November 1, 2019. In the 2020 CDM Smith Technical Memo, several recommendations were listed of work to be performed on Hillside Tank No. 1 and Hillside Tank No. 2, including approximate cost summaries for the work on each tank. Rehabilitation for each tank was estimated at \$1,100,000 and \$1,600,000, respectively.

Below is a summary table of the two Hillside water storage tanks.

**Table 1 – Water Storage at the Hillside Facilities**

Tank	Material	Service Area	Install Year	Diameter (Feet)	Height (Feet)	Volume (gallons)	Overflow Elevation (Feet)
Hillside #1	Riveted Steel	Primary	1888	30	85	420,000	458
Hillside #2	Riveted Steel	Primary	1928	50	80	1,250,000	458

A further alternatives evaluation was performed by CDM Smith in April 2021 to compare rehabilitating the existing tanks to installation of a new storage facility. Construction of a new welded steel tank and the use of glass-fused-to-steel storage tanks were both considered. During





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the 2021 evaluation, consideration was given to constructability and maintaining system storage requirements during construction/rehabilitation.

In the April 2021 evaluation, the initial capital costs for the three alternatives indicated that tank rehabilitation would be the least-expensive alternative and replacement of the old tanks with two glass-fused tanks the most-expensive alternative. However, the present worth costs showed the reverse. The glass-fused tanks have lower O&M costs, making this the lowest-cost alternative on a present-worth basis. The tank rehabilitation alternative has the highest cost on a present-worth basis. Non-cost factors, such as seismic risk, neighborhood impacts, maintenance, and visual aesthetics, were also considered. The Town elected to pursue replacement of the two existing riveted steel tanks with one new welded steel tank with combined capacity of 1.7 million gallons. The new tank will be equipped with a mixing system. The total opinion of probable project costs for the steel tank option was estimated to be \$6.63 Million.

The Town is pursuing DWSRF funding for the project and has requested CDM Smith to prepare a proposal to perform Engineering Design for the proposed improvements.

### **Proposed Scope of Work**

The proposed scope of work is based on the following assumptions:

- The new Hillside storage facility will be monitored and controlled by the Town's SCADA system. Communications will be through the Town's existing fiber optic network in proximity to the existing Hillside site location. The Town will hire Harbor Controls as necessary to coordinate automation and provide guidance related to existing equipment and networking.
- The concrete foundation under Tank No. 2 (built in 1928) will not be demolished.
- The storage tank and foundation will be designed and constructed under the provisions of performance specifications prepared by CDM Smith. The tank manufacturer will be responsible for the tank design. The Contractor will be responsible for tank foundation design.

This proposal scope of services has been divided into tasks as follows:

#### **Task 1 – Data Collection, Public Meetings, and Project Administration**

- CDM Smith will facilitate a kick-off meeting to be held via conference call with representatives of the Department to confirm project goals and key stakeholders for the project.
- Within one week of the kick-off meeting, an initial site visit will be performed by CDM Smith to perform additional data collection, to observe the Hillside facilities specific to the electrical, civil and survey functions, as well as to interview available



Mr. Robert A. Cantoreggi

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Franklin operational staff for their thought and ideas on optimized function of the existing tanks and storage site. CDM Smith will perform a field reconnaissance with OWNER's personnel and a survey subconsultant to determine approximate locations of the tank, access, water main route, and overflow drainage route.

- CDM Smith will attend up to two public meetings with neighborhood representatives or Town officials (other than DPW staff). These meetings are in addition to those meetings mentioned elsewhere in this scope. CDM Smith will prepare media such as PowerPoint presentations and graphic representations as needed to support the project at these community meetings.
- CDM Smith will provide project administration services inclusive of client communications, management of scope, schedule and budget, monthly invoicing, and progress summary preparations.

## **Task 2 – Perform Topographic Survey and Geotechnical Investigation**

- CDM Smith will coordinate the preparation of a topographic and utility survey by a registered land surveyor subconsultant.
- CDM Smith will perform geotechnical services including review of project information provided to us such as available subsurface information, geotechnical reports, client scope and requirements, etc.. CDM Smith will engage a drilling subcontractor to advance up to four borings around the perimeter of the existing Hillside #1 water tank and three borings along the alignment of the new water line. The borings will be located in the field where they can be accessed with a truck-mounted drill rig. We recommend that the Town personnel review the boring locations prior to drilling. Please refer to **Attachment 1** for a preliminary layout. Standard Penetration Tests will be performed beginning at the ground surface and continuously to a depth of about 10 feet, then at 5-foot intervals thereafter. The geotechnical investigation will be performed concurrently with the environmental sampling. A CDM Smith engineer will be on site full time to coordinate the work and log the borings. CDM Smith will acquire geotechnical laboratory testing services and perform evaluations to support the design and construction of the project.
- CDM Smith will facilitate a virtual meeting with representatives of the Department to discuss the topographic survey and results from the geotechnical investigation for the project.

## **Task 3 – Phase I Environmental Assessment**

- CDM Smith will perform a Phase I Environmental Assessment at the existing Hillside storage facility site for possible lead, asbestos, PCBs, or other hazardous materials. A report defining the extent of contamination and remediation recommendations will



Mr. Robert A. Cantoreggi

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be prepared and submitted to the Town. A detailed description of the Phase I assessment is included in **Attachment 2**.

## **Task 4 – Prepare Final Design**

### *General*

- CDM Smith will utilize and build on the information developed in Task 2 and Task 3 to prepare Hillside Storage Tank final design documents, consisting of design drawings and project specifications suitable for public bidding in the state of MA.
- If there appears from the results from the Phase I Environmental Assessment to be a need for a Phase II program, then CDM Smith will recommend a scope and budget for the Town's review and approval. An allowance of \$20,000 has been included as a placeholder for a Phase II Assessment.
- CDM Smith will develop specifications to address demolition of the existing storage tanks in accordance with state and federal environmental regulations. The anticipated sequence of work will include demolition of Hillside Tank No. 1, construction of the new storage tank, followed by demolition of Hillside Tank No. 2 once the new tank is online. Technical specifications will be developed in accordance with State Revolving Fund Loan requirements for DWSRF-funded projects.
- CDM Smith will prepare project drawings inclusive of General, Civil, Electrical and Automation components as detailed in the Design Package Details section of this letter.
- CDM Smith will prepare an application for a State Revolving Fund loan and submit on behalf of the Town to apply for construction funding.
- The deliverables for this task include an electronic submission of a set of draft plans in Adobe. Pdf format at approximately 30-percent and 90-percent design development stage, each followed by a meeting to provide the Town officials and Operators to discuss review comments and input. The final deliverable will be the final (100-percent, design development) set of plans and specifications signed and sealed by a Professional Engineer licensed in the State of Massachusetts, and a final Opinion of Probable Construction Costs. Additionally, a hardcopy of the SRF loan application and electronic copy will be provided.

### *Permitting and Cost Estimating*

- On the Town's behalf, CDM Smith will prepare an application for the State of Massachusetts Department of Environmental Protection (MassDEP) BRP-WS-32 permit required for "Distribution Modifications for Systems that serve more than





Mr. Robert A. Cantoreggi

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3,300 people.” The permit package will include an application, a set of plans and specifications, and cover letter. CDM Smith will answer questions provided by MassDEP and make revisions as requested, to obtain permit approval.

- CDM Smith will prepare an opinion of probable construction costs as part of the 30-percent, 90-percent, and 100-percent, design submissions.

#### *Design Package Details*

- Design documents shall be prepared for the following facilities:
  - Demolition and disposal of Hillside Tank No. 1 and No. 2;
  - Demolition of the Tank No. 1 foundation;
  - New welded steel water storage standpipe, approximately 1.7 million gallons in capacity, with mixing system, and overflow piping brought to ground level;
  - Upgrades to the access road from Hillside Road to, and around, the tank;
  - Approximately 600-feet of 16-inch water main replacement to accommodate site improvements;
  - Overflow drain, water main connection, and underground electric power from the tank site to Hillside Road;
  - Transducer manhole, including adjacent electrical and instrumentation pedestal;
  - SCADA-system modifications to incorporate the new tank into OWNER’s existing SCADA system.
  - Landscaping, and work in wetland resource areas, is not anticipated to be needed and is not included in the design.
- The following 24 design drawings are anticipated:
  - Cover Sheet
  - General Notes/Legend
  - Civil Sheets (12)
    - C-1: Existing conditions plan (tank site)
    - C-2: Existing conditions plan (driveway)
    - C-3: Demolition plan
    - C-4: Site Preparation and Erosion and Sedimentation Control Plan (tank site)





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- C-5: Site Preparation and Erosion and Sedimentation Control Plan (driveway)
  - C-6: Layout and yard piping plan (tank site)
  - C-7: Layout and yard piping plan (driveway)
  - C-8: Tank elevation, plan and section
  - C-9: Details 1
  - C-10: Details 2
  - C-11: Details 3
  - C-12: Details 4
  - Instrumentation sheets (4)
    - I-1: Legend
    - I-2: Control system architecture
    - I-3: P&ID – Hillside Storage Tank
    - I-4: Instrument Mounting Details
  - Electrical sheets (6)
    - E-1: Notes and General Project Descriptions
    - E-2: Legend I
    - E-3: Legend II
    - E-4: Electrical Site Plan Demolition and New Work
    - E-5: Electrical One-Line Diagram Modifications and New Work
    - E-6: Electrical Details
- A Table of Contents listing technical specifications that are anticipated to be included in this design is included as **Attachment 3** to this proposal.

## Responsibilities of the OWNER

- Provide access to the Hillside storage facility as needed.
- Provide any available data and information requested by the ENGINEER.
- Review deliverables as provided by the ENGINEER.
- Coordinate neighborhood meetings.
- Obtain local permits, if any are required.

## Staffing

Staffing planned to perform the scope of work will include the following in addition to specialized staff as required:

- |   |                        |
|---|------------------------|
| ▪ Client Service Leader                     | Lisa H. Gove, P.E.     |
| ▪ Project Manager                           | Autumn Permenter, P.E. |
| ▪ Project Technical Leader/Project Engineer | Colleen Heath, P.E.    |
| ▪ Technical Advisor                         | Jeffrey Diercks, P.E.  |
| ▪ Licensed Site Professional                | Kathleen Murphy, P.E.  |



Mr. Robert A. Cantoreggi

November 5, 2021

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## Schedule

For the scope of services described above, the anticipated time to complete the tasks are:

- Task 1 will begin immediately upon receipt of a signed Agreement and will continue for the duration of the project.
- Task 2 will be completed within 4 months following the receipt of a signed Agreement.
- Task 3 is anticipated to be completed within 6 months after completion of Task 2 for a total project duration of 10 months.

## Budget

We propose to perform the services described above for a total fee of \$284,300. The following table shows the breakdown by task:

Services	Estimated Labor Hours	Labor Costs Including Fee	Outside Professionals & Other Direct Costs	Amount
Task 1 - Data Collection, Public Meetings, and Project Administration	182	\$29,600	\$1,500	\$31,100
Task 2 - Perform Topographic Survey and Geotechnical Investigation	177	\$24,600	\$21,300	\$45,900
Task 3 - Phase I Environmental Assessment	195	\$27,400	\$39,500	\$66,900
Task 4 – Perform Engineering Design	893	\$119,300	\$21,100*	\$140,400
<b>Totals:</b>	<b>1,447</b>	<b>\$200,900</b>	<b>\$83,400</b>	<b>\$284,300</b>

\*As noted earlier, the scope and budget for any Phase II environmental reviews cannot be determined until completion of the Phase I effort. A suggested placeholder of \$20,000 is noted in the table.

## Method of Payment

For the Services performed as described above, the OWNER agrees to pay the ENGINEER a cost-plus fee (CPF) amount not to exceed \$284,300. The CPF amount shall consist of all direct and indirect costs as described below incurred in or directly attributable to the performance of the services plus a fee.

## Direct Costs

- a. Direct Labor Cost. The ENGINEER shall be compensated for the services of its personnel on the basis of direct labor cost (chargeable salaries without fringe benefits) as incurred by the ENGINEER's personnel for the time such personnel are directly utilized on the work. The



Mr. Robert A. Cantoreggi

November 5, 2021

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salaries of any personnel assigned are subject to modification by the ENGINEER throughout the term of this Agreement as part of scheduled company-wide personnel evaluation.

- b. Travel Expenses and Subsistence. The ENGINEER shall be paid actual costs of travel expenses including air fare, automobile rental, if required, mileage charges, parking, tolls, and taxi, lodging, and subsistence where such expenses are directly related to the performance of the work.
- c. Other Incidental Direct Costs. The cost of other services as may be required hereunder, but which are not normally included as part of the overhead of the ENGINEER, shall be reimbursed to the ENGINEER. Such other services as required to complete this Agreement may include but are not limited to the following: printing, costs, reproduction costs, laboratory analysis charges, field equipment rental charges, mailing, shipping costs and special equipment procurement.
- d. For work done by subcontractor or consultants (Outside Professionals), at the actual cost to the ENGINEER of such services plus a Subcontractor Markup of five percent.

### **Indirect Cost**

Overhead and Fringe Benefits. In addition to the payments as hereinbefore provided, the OWNER agrees to pay to the ENGINEER for overhead and fringe benefits (expressed as a factor times direct labor costs) incurred by the ENGINEER during the life of this Agreement. The provisional indirect cost rate factor shall be one hundred and seventy-six and three tenths percent (176.3%) of all direct labor costs of employees of the ENGINEER, with the exception of those employees serving as Field Staff, for which the provisional indirect cost rate factor shall be one hundred and seven and three tenths percent (107.30%).

### **India Global Resource Center**

In the performance of these services, the ENGINEER ("CDM Smith") may use personnel and resources from CDM Smith affiliated companies. Notwithstanding any provision to the contrary contained in this Agreement, the engineers or technical personnel from CDM Smith Global Services India LLP will be billed at the hourly billing rates of either \$60-, 70- or \$90-per hour, commensurate with their experience, for the time such personnel are directly utilized on the work.

### **Fee**

The OWNER agrees to pay the ENGINEER a fee based on ten percent (10%) of the sum of Direct Labor and Indirect Costs and to make monthly partial payments of the fee in proportion to the cost of services rendered.



Mr. Robert A. Cantoreggi

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We appreciate the opportunity to provide these professional services to the Town and look forward to working with you and your staff. Should you have any question, feel free to contact me at (617) 452-6654 or GoveLH@cdmsmith.com.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lisa H. Gove'. Below the signature, there is a small, faint blue stamp that reads 'Franklin, Mass. signed 11/5/21'.

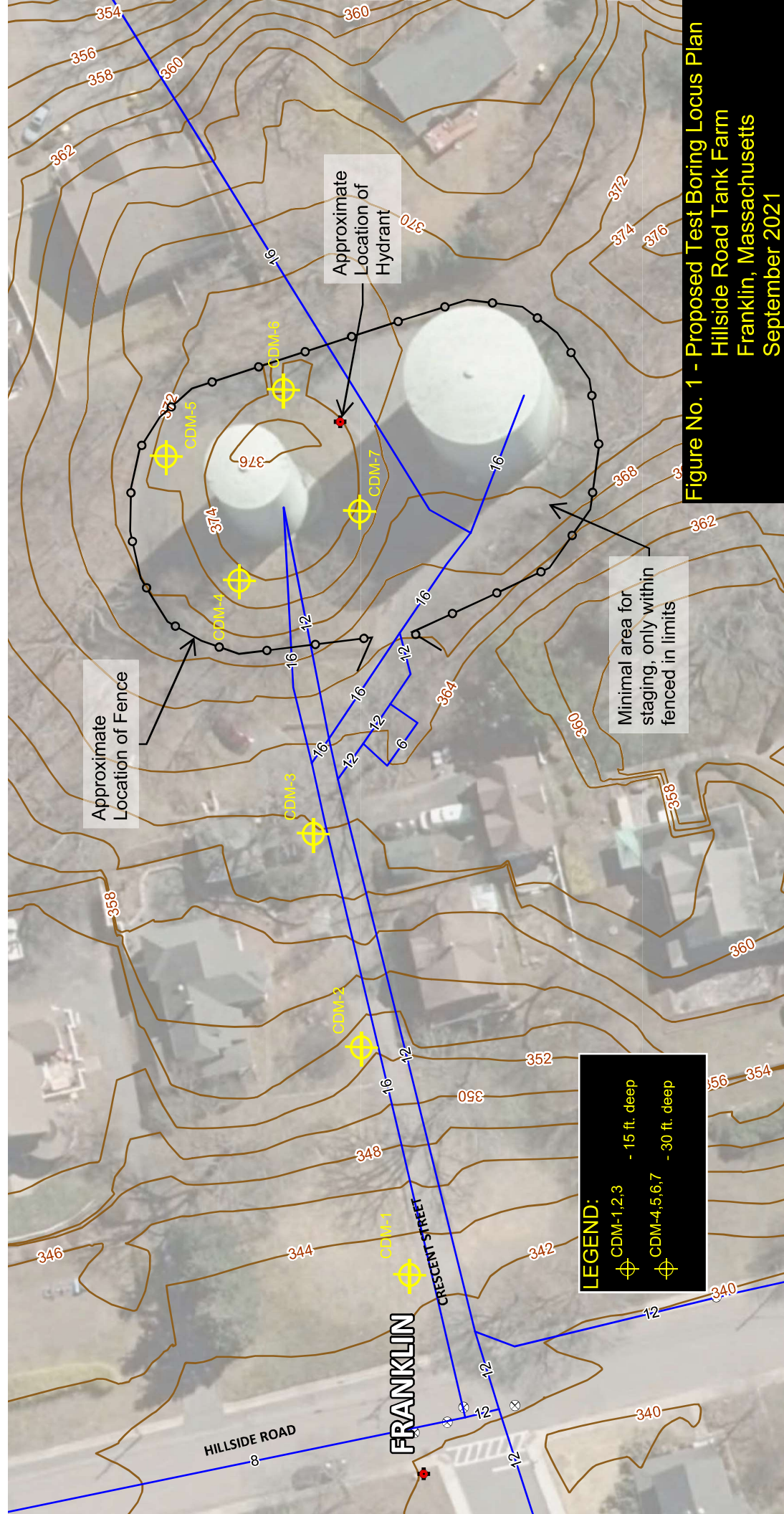
Lisa H. Gove, P.E.

Client Service Leader/Vice President

CDM Smith Inc.

cc: Douglas Martin, Franklin

Autumn Permenter, Colleen Heath, Jeffrey Diercks, CDM Smith



## ATTACHMENT 2

### **Hillside Tanks Franklin, MA Phase I Environmental Assessment – Scope of Work**

Based on the Condition Assessment Reports of Hillside Tank #1 and #2, it is possible that lead and other contamination is present in the subsurface surrounding the tanks due to flaking of the exterior coating. Additionally, there is the potential for contamination around the tanks or along the extents of the proposed pipeline due to fill material. Any such contamination needs to be disclosed to the bidders to avoid costly change orders. CDM Smith will contract with Geo Logic – Earth Exploration, Inc. of Norfolk, MA (Geo Logic) to advance soil borings via direct push technology (DPT) and collect soil samples around the perimeter of each of the two tanks to assess if contamination is present due to the lead coating, as well in the location of the proposed new tank and the new water line to determine the appropriate management of soil during construction. CDM Smith will review the laboratory analytical results for comparison to the Massachusetts Department of Environmental Protection (MassDEP) Massachusetts Contingency Plan (MCP, 310 CMR 40.0000) Reportable Concentrations (RC) in soil (specifically 310 CMR 40.1600).

Prior to the commencement of the field work, CDM Smith will prepare a Health and Safety Plan (HASP) specific to the site and the activities planned. CDM Smith will pre-mark the locations of the sampling locations and Geo Logic will contact 811 Dig Safe to identify utilities in the area and to obtain a Dig Safe number at least 72-hours in advance (excluding weekends and holidays). The town will mark the locations of all Town-owned subsurface utilities.

#### ***Tank Investigation***

CDM Smith will oversee Geo Logic use a trac-mounted Geoprobe rig to advance borings spaced approximately 10 feet apart around the perimeter of each tank, for a total of up to 27 sampling locations around the perimeter of the two tanks. Soil sampling locations will be within 1 foot of the base of the tanks. Additionally, up to eight soil borings will be advanced further down the grassed embankment surrounding the 1888 tank, towards Crescent Street. CDM Smith will collect soil samples at all boring locations from depths of 0 to 6 inches below ground surface (in. bgs), 6 to 12 in. bgs, and 12 to 18 in. bgs and submit them to Alpha Analytical in Westborough, Massachusetts (Alpha) for chemical analysis of total solids, RCRA 8 metals (arsenic, barium, cadmium, total chromium, lead, mercury, selenium, and silver), and polychlorinated biphenyls (PCBs). If the soil sample volume recovered in the boring is not sufficient for sampling all proposed parameters, a second location will be drilled adjacent to the original location. The boreholes will be backfilled with sand/gravel to grade. Cold patch will be used to restore the boring holes in the pavement. CDM Smith will log the soil samples, field screen the soil, and collect the GPS coordinates of each sampling location using a hand-held GPS device. The drilling locations will also be marked in the field to be surveyed and added to the design plans.

All samples collected from the 0 to 6 in. depth will be submitted for laboratory analysis, while all other analysis will be put on hold at the laboratory pending the results of the shallow samples from that location. Samples will be submitted for standard two-week turnaround for results. If the analytical results in the 0-6 in. depth indicate a detection of any compounds at or near the MCP RC, the sample collected from the 6 to 12 in. depth will then be analyzed from that location. If those results indicate a



## ATTACHMENT 2

detection of a specific compound at or near the MCP RC, the soil sample collected from the 12 to 18 in. depth at that location will be analyzed. All samples collected from each depth will be analyzed for total solids, as the hold time for this analysis is 7 days and the total solids results are required to determine the total metals analytical results. Thus, if analysis of metals is required in the deeper samples, the total solids will be required to be analyzed within the hold time.

Duplicate samples and matrix spike/matrix spike duplicates will be collected at a rate of 1 per every 20 samples collected for metals.

### ***Waste Characterization***

During the geotechnical investigation in the area of the proposed tank and water line, soil samples will be collected to assess the soil conditions for waste characterization and proper management during construction. Four soil borings will be advanced within the footprint of the proposed tank to 30 feet bgs, and three soil borings will be advanced along the alignment of the new water line along Crescent Street to Hillside Road to 15 feet bgs. Soil samples will be collected from these seven borings, continuously in the top 10 feet, then at 5-ft intervals to the bottom of the borehole. A total of 23 soil samples will be collected from the seven borings. The samples will be submitted to Alpha for analysis of volatile organic compounds, semi-volatile organic compounds, PCBs, total petroleum hydrocarbon (TPH), extractable petroleum hydrocarbons (EPH), RCRA 8 metals, conductivity, pH, reactivity, and ignitability. Up to five soil samples will be analyzed for coal/coal ash, thus if PAH concentrations exceed the MCP RC, the presence of coal/coal ash may be used as an exemption for reporting the PAH concentrations. Additionally, soil samples will be collected for Toxicity Characteristic Leaching Procedure (TCLP) for metals. If the concentration of metals exceeds the applicable threshold for any metal, TCLP analysis will be conducted.

### ***Data Review and Reporting***

CDM Smith will review the laboratory analytical results for comparison to the MassDEP MCP RCs in soil. CDM Smith will generate a letter report including a summary of field activities conducted including recommendations for next steps, a figure showing the locations of the sampling locations, tabulated analytical results compared to the appropriate RC per 310 CMR 40.0361, and borehole logs. CDM Smith will submit the draft report to the town within three weeks of receipt of the final analytical data. CDM Smith will address the town's comments and submit a final report within two weeks of receipt of comments from the town on the draft submittal. The data and report will be reviewed by the Licensed Site Professional (LSP) for the site.

The town will be notified if any of the results exceed the applicable RC, and the LSP will notify the MassDEP and prepare and submit the Release Notification Form (BWSC 103). All submittals to MassDEP will be submitted electronically through the eDEP system and reviewed and approved by the LSP and the town.

If a regulatory reporting situation arises based on the data collected, additional submittals will be required which are not included in this initial scope and budget. If an RC exceedance is detected, MassDEP will assign a Release Tracking Number (RTN) to the disposal site, and the site will be regulated under the MCP. All report submittals will be prepared in accordance with the MCP timelines and under the supervision and approval of an LSP. Submittal of a Release Abatement Measure (RAM) Plan which outlines the management of the contaminated soil will be required to be submitted to MassDEP prior to the initiation of soil excavation and all soil waste shipment documents will be managed under the LSP in

## ATTACHMENT 2

accordance with the MCP. Additional field investigations may be required to determine the extent of contamination. If PCBs are detected at a concentration greater than 50 parts per million (ppm), the site will be subject to the Toxicity Substances Control Act (TSCA) regulations under the United States Environmental Protection Agency (EPA). This scope and budget does not include costs associated with additional MCP or EPA compliance requirements, including additional investigations or preparation of a RAM Plan or MCP Phase Reports. The content of these submittals and additional investigations are dependent on the results of the analytical testing and will be scoped after receipt and review of the analytical data.

### *Assumptions:*

- The town will provide all available site utility maps to CDM Smith at least two weeks prior to the sampling event.
- Clearance around the perimeter of the tank is sufficient for the Geoprobe rig to maneuver.
- No investigation-derived waste will be generated for off-site disposal.
- The Geoprobe investigation around the perimeter of the existing tanks will be completed in two days with one CDM Smith field staff. In areas that the Geoprobe cannot access (some portions of the sloped area around the 1888 tank), a hand auger will be used to collect soil samples.
- A trip blank is not required as the soil samples are not to be analyzed for volatile organic compounds.
- For costing purposes, it is assumed that 20% of the samples on hold will require analysis of RCRA 8 metals and PCBs.
- Soil samples will be collected for Toxicity Characteristic Leaching Procedure (TCLP) for metals. If the concentration of metals exceeds the applicable threshold for any metal, TCLP analysis will be conducted. It is assumed that 25% of the samples in the top 6 in. will require TCLP analysis.
- Up to 5 soil samples will be collected for coal/coal ash analysis.
- A duplicate sample and matrix spike/matrix spike duplicate (MS/MSD) will be collected for metals analysis at a rate of 1 MS/MSD for every 20 samples analyzed.



## **PROPOSED TABLE OF CONTENTS**

### **DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS**

001116.13	Invitation to Bid
002113	Instructions to Bidders
003126	Existing Hazardous Material Information
004113	Form for General Bid
005214	Agreement
006113.13	Performance Bond
006113.16	Payment Bond
007200.16	General Conditions
007300.13	Supplementary Conditions

### **DIVISION 01 - GENERAL REQUIREMENTS**

011000	Summary
012001	Price and Payment
012100	Allowances
012200	Unit Prices
012600	Contract Change Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013233	Photographic Documentation
013300	Submittal Procedures
013545	Environmental Protection Procedures
014000	Quality Requirements
014200	References
015000	Temporary Facilities and Controls
015813	Temporary Project Signage
016000	Product Requirements
017300	Execution
017700	Closeout Procedures
017839	Project Record Documents

### **DIVISION 02 - EXISTING CONDITIONS**

024116	Structure Demolition
028200	Lead and Asbestos Removal

### **DIVISION 03 - CONCRETE**

033000	Cast-in-Place Concrete
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### **DIVISION 05 - METALS**

050519	Post-Installed Anchors and Reinforcing Bars
055000	Metal Fabrications
055200	Metal Railings

### **DIVISION 09 - FINISHES**

090006	Painting
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099010 Shop Priming  
099100 Painting

**DIVISION 26 - ELECTRICAL**

260001 Electrical Work (Filed Sub-Bid)  
260505 Selective Demolition for Electrical  
260519 Low-Voltage Electrical Power Conductors and Cables  
260523 Control-Voltage Electrical Power Cables  
260526 Grounding and Bonding for Electrical Systems  
260529 Hangers and Supports for Electrical Systems  
260533 Raceways and Boxes for Electrical Systems  
260536 Cable Trays for Electrical Systems  
260543 Underground Ducts and Raceways for Electrical Systems  
260544 Sleeves and Sleeve Seals for Electrical Raceways and Cabling  
260553 Identification for Electrical Systems  
260573 Power System Studies  
260923 Lighting Control Devices  
262213 Low-Voltage Distribution Transformers  
262416 Panelboards  
262713 Electricity Metering  
262716 Electrical Cabinets and Enclosures  
262726 Wiring Devices  
262813 Fuses  
262816 Enclosed Switches and Circuit Breakers  
263213.17 Gaseous Emergency Engine Generators  
263600 Transfer Switches  
264113 Lightning Protection for Structures  
264313 Surge Protection for Low-Voltage Electrical Power Circuits

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311000 Site Clearing  
312000 Earthwork  
312316 Rock Removal  
312319 Dewatering  
312333 Trenching and Backfilling  
312500 Erosion and Sedimentation Controls  
313716.13 Rubble-Stone Riprap  
315000 Excavation Support and Protection

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321216 Asphalt Paving  
323113 Chain Link Fences and Gates  
323300 Site Furnishings  
329113 Soil Preparation  
329119 Landscape Grading  
329200 Turf and Grasses

329300 Plants

**DIVISION 33 – UTILITIES**

330513 Manholes and Structures  
 330519 Ductile-Iron Utility Pipe for Water Service  
 331216 Water Utility Distribution Valves  
 331219 Water Utility Distribution Fire Hydrants  
 331300 Disinfecting of Water Utility Distribution  
 331619 Elevated Water Utility Storage Tanks

**DIVISION 40 – PROCESS INTERCONNECTIONS**

400578.11 Air Release Valves for Water Service  
 406100 Process Control and Enterprise Management Systems General Provisions  
 406121.20 Process Control System Testing  
 406126 Process Control System Training  
 406193 Process Control System Input/Output List  
 406196 Process Control Descriptions  
 406653 Radio Equipment  
 406663 Antennas  
 406717 Industrial Enclosures  
 406733 Panel Wiring  
 406763 Control panel Mounted UPS  
 406863 Configuration of HMI Software  
 406866 Configuration of Controller Software  
 407000 Instrumentation for Process Systems  
 407243 Pressure and Differential Pressure Type Level Meters  
 407276 Level Switches  
 407313 Pressure and Differential Pressure Gauges  
 407323 Absolute Pressure Transmitters  
 407816 Indicating Lights  
 407819 Switches and Push Buttons  
 407853 Relays  
 407856 Isolators, Intrinsically Safe Barriers, and Surge Suppressors  
 407859 Power Supplies

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464123 Submersible Mixers

**APPENDIX**

A Report of Hazardous Materials Survey  
 B Franklin Department of Public Works – Standard Documents for Water  
 Materials and Installation (See Division 31 and 33 for Individual  
 Specification Section Titles)

END OF TABLE OF CONTENTS

Town of Franklin Massachusetts  
Phase 6 Sanitary Sewer Rehabilitation  
Engineer's Estimate - DRAFT

				Engineers Estimate	
Item No.	Brief Description and Unit or Lump Sum Price Bid in Words	Estimated Quantity	Unit	Unit Bid Price	Bid Cost
1. SANITARY SEWER CLEANING					
1a.	Sanitary Sewer Cleaning (Pipe Diameter ≤ 10") _____ Dollars	16,044	LF	\$ 1.50	\$ 24,066.00
1b.	Sanitary Sewer Cleaning (Pipe Diameter = 12") _____ Dollars	1,893	LF	\$ 1.75	\$ 3,312.75
1c.	Sanitary Sewer Cleaning (Pipe Diameter = 15") _____ Dollars	876	LF	\$ 2.20	\$ 1,927.20
2. SANITARY SEWER TELEVISION INSPECTION					
2a.	Sanitary Sewer Television Inspection (Pipe Diameter ≤ 10") _____ Dollars	16,044	LF	\$ 1.50	\$ 24,066.00
2b.	Sanitary Sewer Television Inspection (Pipe Diameter = 12") _____ Dollars	1,893	LF	\$ 1.50	\$ 2,839.50
2c.	Sanitary Sewer Television Inspection (Pipe Diameter = 15") _____ Dollars	876	LF	\$ 1.50	\$ 1,314.00
3. GRINDING OF SERVICE CONNECTIONS					
3.	Grinding of Service Connections (Pipe Diameter ≤ 12") _____ Dollars	2	EA	\$ 275.00	\$ 550.00

Town of Franklin Massachusetts  
Phase 6 Sanitary Sewer Rehabilitation  
Engineer's Estimate - DRAFT

				Engineers Estimate	
Item No.	Brief Description and Unit or Lump Sum Price Bid in Words	Estimated Quantity	Unit	Unit Bid Price	Bid Cost
4. CURED-IN-PLACE PIPE LINER (CIPPL)					
4a.	Rehabilitation of 8-inch Sewer Pipe with CIPPL _____ Dollars	13,733	LF	\$ 33.00	\$ 453,189.00
4b.	Rehabilitation of 10-inch Sewer Pipe with CIPPL _____ Dollars	2,311	LF	\$ 36.00	\$ 83,196.00
4c.	Rehabilitation of 12-inch Sewer Pipe with CIPPL _____ Dollars	1,893	LF	\$ 40.00	\$ 75,720.00
4d.	Rehabilitation of 15-inch Sewer Pipe with CIPPL _____ Dollars	876	LF	\$ 48.00	\$ 42,048.00
5. CIPPL WARRANTY INSPECTION					
5.	CIPPL Warranty Inspection _____ Dollars	18,813	LF	\$ 1.50	\$ 28,219.50
6. REINSTATEMENT OF SERVICE CONNECTIONS BY REMOTE (TRENCHLESS) METHOD					
6.	Reinstatement of Service Connections _____ Dollars	200	EA	\$ 90.00	\$ 18,000.00
7. CHEMICAL SEALING OF SERVICE CONNECTIONS					
7a.	Chemical Sealing of Service Connections (Pipe Diameter ≤ 12") _____ Dollars	150	EA	\$ 350.00	\$ 52,500.00

Town of Franklin Massachusetts  
Phase 6 Sanitary Sewer Rehabilitation  
Engineer's Estimate - DRAFT

				Engineers Estimate	
Item No.	Brief Description and Unit or Lump Sum Price Bid in Words	Estimated Quantity	Unit	Unit Bid Price	Bid Cost
7b.	Chemical Sealing of Service Connections (12" < Pipe Diameter ≤ 15") _____ Dollars	50	EA	\$ 475.00	\$ 23,750.00
8. SEALED SERVICE CONNECTION WARRANTY TESTING					
8.	Sealed Service Connection Warranty Testing _____ Dollars	1	LS	\$ 3,000.00	\$ 3,000.00
	SUBTOTAL ITEMS 1 THROUGH 8 INCLUSIVE				\$ 837,697.95
9. MOBILIZATION AND DEMOBILIZATION					
9.	Mobilization and Demobilization (maximum 5% of subtotal of all previous items) _____ Dollars	1	LS	\$ 41,884.90	\$ 41,884.90
	TOTAL BID PRICE IN WORDS _____ Dollars				\$ 879,582.85

Mr. Robert Cantoreggi, Director  
Mr. Douglas Martin, PE, Water and Sewer Superintendent  
Department of Public Works  
Town of Franklin  
257 Fisher Street  
Franklin, MA 02038

Date: November 12, 2021  
Subject: Phase 6 Sanitary Sewer Rehabilitation  
Letter Proposal for Construction Phase Services

Dear Mr. Cantoreggi and Mr. Martin,

Arcadis is pleased to submit this letter proposal to assist the Town of Franklin with its on-going efforts to investigate, identify, and remove infiltration and inflow (I/I) within the sanitary sewer system. Our services under this proposal consist of assistance with construction phase services for the Phase 6 Sanitary Sewer Rehabilitation contract.

Phase 6 Sanitary Sewer Rehabilitation includes rehabilitation of approximately 19,000 LF of sanitary sewer pipe by cured-in-place pipe lining and cured-in-place spot repairs throughout the Beaver Street Interceptor sewershed.

## SCOPE OF WORK

Arcadis will provide Construction Phase engineering services to ensure construction is completed in accordance with the contract documents and to verify the quality of the work.

### Task 1 – Construction Administration Services

Construction Administration services will be provided for the duration of the construction period and will include coordination and attendance at a pre-construction meeting; review of and action on contractor submittals, including schedule, shop drawings, requests for clarification and interpretation, change order requests, periodic pay requests, and contract close-out documentation; and preparation of as-built Record Drawings compatible with the Town's GIS upon completion of construction.

### Task 2 – Resident Engineering Services

Arcadis will provide full time, on-site Resident Engineering services for the duration of construction. Duties and responsibilities of the Resident Engineer will include:

*This proposal and its contents shall not be duplicated, used or disclosed — in whole or in part — for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to Arcadis as a result of — or in connection with — the submission of this proposal, Arcadis and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use or disclose the data contained in this proposal only to the extent provided in the resulting contract.*

- Communicate with Town with the knowledge of and under the direction of Arcadis' Project Manager.
- Review the progress schedule
- Attend meetings with the Contractor and Town
- Assist in serving as the Town's liaison with Contractor, particularly when the Contractor's operations affect Client's operations
- Inspections of work in progress to determine whether the work is proceeding in general compliance with the Contract Documents. Report whenever Resident believes that any work is unsatisfactory, faulty or defective, or does not conform to the Contract Documents, has been damaged, or does not meet the requirements of any inspection, test or approval required to be made.
- Keep a diary or daily logs, recording Contractor hours on the job site, weather conditions, data relative to questions concerning Change Orders or changed conditions, list of job site visitors, daily activities, decisions, general observations, and specific, more detailed observations as in the case of test procedures
- Review Contractor's applications for payment for compliance with the requirements of the Contract Documents and forward with Resident's recommendations to Arcadis

### Task 3 – Record Drawings

Arcadis will complete as-built Record Drawings following completion of the Phase 6 Sewer Rehabilitation. The Record Drawings will depict actual work completed, including the location, manhole or pipe section numbers, and a general description of the rehabilitation, repair, or replacement completed during construction.

## FEE

Arcadis proposes to complete the work described above for a lump sum cost of \$175,400, as shown in the table below. Based on the scope of construction summarized above, we estimate a construction duration of 7 months. As such, our budget is predicated on 1,260 hours of on-site Resident Engineering inspection.

Task	Task Descriptions	Fee
1	Construction Administration Services	\$13,900
2	Resident Engineering Services	\$158,200
3	Record Drawings	\$3,300
	<b>Total</b>	<b>\$175,400</b>

*This proposal and its contents shall not be duplicated, used or disclosed — in whole or in part — for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to Arcadis as a result of — or in connection with — the submission of this proposal, Arcadis and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use or disclose the data contained in this proposal only to the extent provided in the resulting contract.*



## SCHEDULE

Arcadis will commence work on the Construction Phase Services for the Phase 6 Sanitary Sewer Rehabilitation contract immediately following bid and award of the Phase 6 Sewer Rehabilitation Contract.

*We appreciate the opportunity to submit this proposal and look forward to continuing to assist the Town of Franklin DPW with your on-going efforts to investigate, operate, maintain and rehabilitate your buried infrastructure.*

Sincerely,  
Arcadis U.S., Inc.

A handwritten signature in blue ink that reads 'Scott Haynes'.

Scott Haynes, PE, BCEE  
Associate Vice President

Email: [Scott.Haynes@arcadis.com](mailto:Scott.Haynes@arcadis.com)  
Direct Line: 781-213-4905

CC. Amy Anderson George, Arcadis

*This proposal and its contents shall not be duplicated, used or disclosed — in whole or in part — for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to Arcadis as a result of — or in connection with — the submission of this proposal, Arcadis and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use or disclose the data contained in this proposal only to the extent provided in the resulting contract.*



Doug Martin <domartin@franklinma.gov>

**Plain St Estimate**

1 message

**Brooke Cotta** <bcotta@franklinma.gov>  
 To: Doug Martin <domartin@franklinma.gov>  
 Cc: Jacob Standley <jstandley@franklinma.gov>

Mon, Nov 15, 2021 at 10:07 AM

Please see revised Plain St estimate to include TPs, feel free to reach out with questions:

**Arlington St Neighborhood & Plain St Waterline Replacement**

10/12/2021

Franklin DPW

**PLAIN ST**

**CONSTRUCTION COST ESTIMATE**

ITEM NO.	DESCRIPTION	TOTAL QTY	UNIT	UNIT PRICE	TOTAL PRICE	
120.1	Unclassified Excavation	100	CY	20.00	\$2,000.00	
121.1	Rock Excavation	100	CY	150.00	\$15,000.00	
141.1	Test Pit for Exploration	24	CY	30.00	\$720.00	
151	Gravel Borrow	500	CY	30.00	\$15,000.00	
220.2	Drainage Structure Rebuilt	0	VF		\$0.00	
220.8	Sanitary Structure Rebuilt	0	VF		\$0.00	
250.06	6 Inch PVC Sanitary Sewer Pipe	50	FT	50.00	\$2,500.00	
275.15	15 Inch Drain Line Repair	0	FT	150.00	\$0.00	
302.06	6 Inch Ductile Iron Water Pipe	50	FT	60.00	\$3,000.00	
302.08	8 Inch Ductile Iron Water Pipe	1,100	FT	85.00	\$93,500.00	
347.1	1" Copper Tubing Type K	270	FT	35.00	\$9,450.00	
350.06	6" Gate and Gate Box	2	EA	1,200.00	\$2,400.00	
350.08	8" Gate and Gate Box	4	EA	1,700.00	\$6,800.00	
363.1	1-Inch Corporation Stop	10	EA	1,200.00	\$12,000.00	includes 70 and 76 Plain St
376	Hydrant	2	EA	5,000.00	\$10,000.00	
385	Curb Stop and Box	9	EA	550.00	\$4,950.00	includes 70 and 76 Plain St
472.1	Hot Mix Asphalt for Patching	1,100	SY	40.00	\$44,000.00	
697.1	Silt Sack	0	EA	120.00	\$0.00	drainage
751.2	Loam Borrow and Seeding	200	SY	6.00	\$1,200.00	\$0.00

**Total \$222,520.00**

**15% Contingency \$33,378.00**

**Total Project Estimate \$222,520.00**  
**Total Project Estimate w/ 15% contingency \$255,898.00**

Brooke Cotta, PE  
 Assistant Engineer  
 Town of Franklin, DPW  
 257 Fisher Street  
 Franklin, MA 02038  
 508.553.5500

This email is intended for municipal / educational use only and must comply with the Town of Franklin and Franklin Public School's policies and state/federal laws. Under Massachusetts Law, any email created or received by an employee of The Town of or Franklin Public Schools is considered a public record. All email correspondence is subject to the requirements of M.G.L. Chapter 66. This email may contain confidential and privileged material for the sole use of the intended recipient. Any review or distribution by others is strictly prohibited. If you are not the intended recipient please contact the sender and delete all copies.



## FRANKLIN FIRE DEPT

DEP CHIEF APX8500

11/17/2021

11/17/2021

FRANKLIN FIRE DEPT  
48 W CENTRAL ST  
FRANKLIN, MA 02038

RE: Motorola Quote for DEP CHIEF APX8500  
Dear James Klich,

Motorola Solutions is pleased to present FRANKLIN FIRE DEPT with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide FRANKLIN FIRE DEPT with the best products and services available in the communications industry. Please direct any questions to George Voorhees at [gvoorhees@cybercomminc.com](mailto:gvoorhees@cybercomminc.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

George Voorhees  
Account Executive

Motorola Solutions Manufacturer's Representative

Billing Address:  
FRANKLIN FIRE DEPT  
48 W CENTRAL ST  
FRANKLIN, MA 02038  
US

Quote Date:11/17/2021  
Expiration Date:01/01/2022  
Quote Created By:  
George Voorhees  
Account Executive  
gvoorhees@cybercomminc.com  
5085611515

End Customer:  
FRANKLIN FIRE DEPT  
James Klich  
jklich@franklinma.gov  
+1 508 5282323  
Contract: 22564 - ITT57 MA STATE

## Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at [www.motorolasolutions.com/product-terms](http://www.motorolasolutions.com/product-terms).

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
APX™ 8500						
1	M37TSS9PW1AN	APX8500 ALL BAND MP MOBILE	1	\$5,008.50	\$3,806.46	\$3,806.46
1a	G90AC	ADD: NO MICROPHONE NEEDED APX	1	\$0.00	\$0.00	\$0.00
1b	G72AD	ADD: APX O3 HANDHELD CH	1	\$946.00	\$718.96	\$718.96
1c	G67DE	ADD: REMOTE MOUNT O3 MP	1	\$297.00	\$225.72	\$225.72
1d	GA00580AA	ADD: TDMA OPERATION	1	\$450.00	\$342.00	\$342.00
1e	G51AT	ENH:SMARTZONE	1	\$1,500.00	\$1,140.00	\$1,140.00
1f	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	1	\$0.00	\$0.00	\$0.00
1g	GA05100AA	ADD: STD WARRANTY - NO ESSENTIAL	1	\$0.00	\$0.00	\$0.00
1h	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	1	\$60.00	\$45.60	\$45.60



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800



Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1i	G89AC	ADD: NO RF ANTENNA NEEDED	1	\$0.00	\$0.00	\$0.00
1j	G444AH	ADD: APX CONTROL HEAD SOFTWARE	1	\$0.00	\$0.00	\$0.00
1k	GA01517AA	DEL: NO J600 ADAPTER CABLE NEEDED	1	\$0.00	\$0.00	\$0.00
1l	QA05751AA	ADD: NO ENCRYPTION, CLEAR RADIO (NO ADP) (US ONLY)	1	\$0.00	\$0.00	\$0.00
1m	G806BL	ENH: ASTRO DIGITAL CAI OP APX	1	\$515.00	\$391.40	\$391.40
1n	G361AH	ENH: P25 TRUNKING SOFTWARE APX	1	\$300.00	\$228.00	\$228.00
Product Services						
2	LSV00Q00202A	DEVICE PROGRAMMING	1	\$178.57	\$178.57	\$178.57
3	LSV00Q00203A	DEVICE INSTALLATION	1	\$928.57	\$928.57	\$928.57
4	EQ000103A02	MULTIPLEXER,_ALL BAND, APX8500, VEHICLE	1	\$199.00	\$137.31	\$137.31
5	HAE6016A	ANT LOW PROFILE 450-512 MHZ	1	\$120.00	\$82.80	\$82.80
6	RAD4002ARB	ANT VHF 1/4 WAVE	1	\$100.00	\$69.00	\$69.00
7	HAF4016A	UNITY GAIN ANTENNA QUARTERWAVE 762-870MHZ - ROOF MOUNT	1	\$23.00	\$15.87	\$15.87
8	CB000091A02	CABLE, COAXIAL,CABLE, COAXIAL,QMA PLUG TO QMA PLUG CONNECTOR	1	\$32.00	\$22.08	\$22.08

**Grand Total**
**\$8,332.34(USD)**
**Notes:**

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800



## Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead  
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO )

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept


Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)

VEH98 Quotation Form V.1.2

Quote Date:		11/19/2021	
Quote Number:		FFD-5	

  
OPERATIONAL SERVICES DIVISION

AGENCY/ENTITY INFORMATION	
Agency:	Town of Franklin
Secretariat:	
Department Name:	Franklin Fire Dept
Address:	40 West Central St, Franklin, MA 02038
Contact Name:	Jim Klich (Fire Chief)
Phone:	508-553-5573
Email:	jklisch@franklinma.gov
Unit Code (Billing):	

VENDOR INFORMATION	
Vendor Name:	Central Dodge Inc.
Address:	191 New State Hwy, Rt 44, Raynham, M
Contact Name:	Debbie Zoll
Phone:	508-823-0101 x4224
Email:	dzoll@central.us
Vehicle Coming From (check one box):	<input type="checkbox"/> Dealer Inventory/Stock <input checked="" type="checkbox"/> Factory Order <input type="checkbox"/> Already on order for dealer inventory

VEHICLE INFORMATION	
VEH98 Vehicle #:* Year: Make: Model: Trim Level: Body Code:	PPV-DOD-DUR-010 2022 Dodge Durango Pursuit AWD  WDEE75
*In case of minibid or vehicle upfit only, type in "Mini-bid" or "Upfit".	
Vehicle Quantity:	1

Exterior Color:	Diamond Black
Interior Color:	black
Engine (as quoted):	5.7L
Cylinders:	8
Primary Fuel Type:	gas
Secondary Fuel Type:	

Contract Base Vehicle Price: (enter into COMMBUYS)	\$35,191.00
---	-------------

ADDED FACTORY OPTIONS AND PACKAGES (PER VEHICLE)						
Quantity per Vehicle:	Factory Code:	Description:	MSRP:	Discount %:	Contract Unit Price:	Total Per Vehicle:
1	ADL	Skid Plate Group	\$295.00	6.25%	\$276.56	\$276.56
1	XAN	Blindspot and cross path detection (standard)	\$0.00		\$0.00	\$0.00
1	XCS	4 additional Key Fobs	\$100.00	6.25%	\$93.75	\$93.75
1	WP1	18X8.0 painted aluminum wheels	\$349.00	6.25%	\$327.19	\$327.19
1	CUG	Police Floor Console	\$840.00	6.25%	\$787.50	\$787.50
1	LSA	Security alarm	\$150.00	6.25%	\$140.63	\$140.63
1	UBN	Uconnect 5 Nav w/ 10" display	\$995.00	6.25%	\$932.81	\$932.81
1	JRC	Power lift gate	\$395.00	6.25%	\$370.31	\$370.31
1	ADG	Technology group	\$2,395.00	6.25%	\$2,245.31	\$2,245.31
1	XWK	Power distribution center	\$0.00		\$0.00	\$0.00
1	XPW	Front & rear wire harness	\$1,430.00	6.25%	\$1,340.63	\$1,340.63

Factory Options Total (per vehicle): (enter into COMMBUYS)	\$6,514.69
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QUOTE FORM SUMMARY			
Vehicle Leadtime to Dealer:	180-210 days	Factory Options (per vehicle):	\$6,514.69
Upfit/Equip. Work Leadtime at Dealer:		Accessories/Upfit (per vehicle) from back:	\$8,122.66
TOTAL Order to Delivery Leadtime (in weeks, Executive Agencies to Westborough):		Transferred Equipment (per vehicle) from back:	\$0.00
Trade-in Information (does not apply to Executive agencies):	none	Contract Base Vehicle Price:	\$35,191.00
		Trade in value:	\$0.00
TOTAL COST PER VEHICLE (including all add-ons):			\$49,828.35
VEHICLE QUANTITY:			1
TOTAL PURCHASE PRICE (including trade in value if applicable):			\$49,828.35



VEH98 Quotation Form V.1.2

**ADDED ACCESSORIES/UPFIT (PER VEHICLE)**[illegible]

**\$8,122.66**



**CONFIDENTIAL**

November 15, 2021 - **REVISED**

Joseph S. Barbieri, Deputy Chief  
Franklin, MA Fire Department  
40 West Central Street  
Franklin, MA 02038

Re: Vision 21 - TRX50 Emergency Reporting System Legacy Upgrade Migration Proposal

Dear Deputy Chief Barbieri:

As you know, Sigcom no longer manufactures the Vision 21 Systems. Vision 21 has been discontinued. I am pleased to submit the following TRX50 upgrade proposal.

**Scope of Work**

Signal Communications and/or Sigcom authorized dealer will furnish and install new TRX50 Emergency Reporting System as upgrade to existing Vision 21 systems. New system consisting of:

- TRX50-SP-001 System Processor (2)
  - TRX50 power conditioner with alarm (1)
- TRX50-UI-001 User Interface (2) includes 22" monitor, keyboard, & mouse
  - With max extender cable assembly kit
- TRX50-RM-072 Radio Module (2)
- TRX50-LM-072 Legacy Migration Module - to decode legacy radio boxes until upgraded (2)
- TRX50-CM-001 Power Module / Battery Charger (2)
- Batteries – 8 Hour Backup 12VDC 24AH (4)
- New Data Rack – 72" H x 20" W x 29" D - cabinets – location determined at engineering review (1)
  - Server 19" monitor mounts for data rack (2)
  - Slide out trays for data rack (2)
- Use and connect to existing antenna systems
- Removal of existing Vision 21 Systems
- TRX50 Application Software - System Configuration/data conversion for Vision 21 data base / TRX50 thumb drive and software package

In addition, furnish and install new TRX50 Remote Dispatch Stations in offices 114 and 115 – Chief and Deputy Chief - to enable remote system management - consisting of:

- TRX50-RDS Remote Dispatch Station (2)
- TRX50-UI-003 User Interface for RDS incl. 22" monitor, keyboard, & mouse (2)
- TRX50-SW-001 Ethernet switch (2) enables communication to RDS
- RDS UPS back-up units (2)

Includes:

All labor to install, test, and certify system

Labor to remove existing Vision 21 Systems and cabinet

4 hours training – train the trainer - on new system

All needed licenses

One year warranty on all equipment per Sigcom's standard terms and conditions

Any applicable taxes will be added to invoice

**Pricing:**

The total standard LIST price for proposed TRX50 system as described..... \$116,706

Total price under the Sigcom *Legacy Migration Program*.....\$ 92,244

**Note – The Legacy Migration Program is scheduled to conclude at end of year - 2021**

**Terms and Conditions:**

Lead time – installation starts 90 to 120 days from receipt of order.

Assumes no requirements for compliance with prevailing wage.

Any needed electrical work to provide primary AC power to systems to be supplied and performed by others.

Any needed IP cable work to support RDS connectivity to be supplied and done by others unless otherwise indicated.

Assumes new systems can use existing antenna system without additional tower or antenna work – which, if needed, would be additional and provided by others.

Assumes user interface hardware located within specified maximum distance to TRX50-SP.

Assumes Sigcom or Sigcom authorized distributor takes possession/ownership of existing Vision 21 systems upon removal.

Upgrade of unique or custom Vision 21 software features may require additional cost to implement in TRX50 platform.

This proposal is good for a period of 120 days, after which time Sigcom and/or Sigcom authorized distributor may withdraw or update this proposal without notice.

Authorized signature below indicates agreement to above proposal and cost. Municipality will issue appropriate purchase order to Sigcom or Sigcom authorized distributor. If needed, LW Bills can provide access MA State Bid Contract.

Above proposal agreed to by:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date:

Thank You,  
**SIGNAL COMMUNICATIONS CORPORATION**

*Jim Lynch*

Jim Lynch  
Product Manager





## FRANKLIN FIRE DEPT

Member Portable APX8000

11/17/2021

11/17/2021

FRANKLIN FIRE DEPT  
48 W CENTRAL ST  
FRANKLIN, MA 02038

RE: Motorola Quote for Member Portable APX8000  
Dear James Klich,

Motorola Solutions is pleased to present FRANKLIN FIRE DEPT with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide FRANKLIN FIRE DEPT with the best products and services available in the communications industry. Please direct any questions to George Voorhees at [gvoorhees@cybercomminc.com](mailto:gvoorhees@cybercomminc.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

George Voorhees  
Account Executive

Motorola Solutions Manufacturer's Representative

Billing Address:  
FRANKLIN FIRE DEPT  
48 W CENTRAL ST  
FRANKLIN, MA 02038  
US

Quote Date:11/17/2021  
Expiration Date:01/01/2022  
Quote Created By:  
George Voorhees  
Account Executive  
gvoorhees@cybercomminc.com  
5085611515

End Customer:  
FRANKLIN FIRE DEPT  
James Klich  
jklich@franklinma.gov  
+1 508 5282323

## Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at [www.motorolasolutions.com/product-terms](http://www.motorolasolutions.com/product-terms).

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 8000 Series	APX8000XE				
1	H91TGD9PW6AN	APX 8000 ALL BAND PORTABLE MODEL 2.5	1	\$4,194.75	\$3,188.01	\$3,188.01
1a	Q806CB	ADD: ASTRO DIGITAL CAI OPERATION	1	\$515.00	\$391.40	\$391.40
1b	Q361AN	ADD: P25 9600 BAUD TRUNKING	1	\$300.00	\$228.00	\$228.00
1c	QA02006AC	ENH: APX8000XE RUGGED RADIO	1	\$800.00	\$608.00	\$608.00
1d	QA00580AA	ADD: TDMA OPERATION	1	\$450.00	\$342.00	\$342.00
1e	QA05100AA	ENH: STD 1 YR WARRANTY APPLIES NO SFS	1	\$0.00	\$0.00	\$0.00
1f	H38BS	ADD: SMARTZONE OPERATION	1	\$1,500.00	\$1,140.00	\$1,140.00
1g	QA05751AA	ADD: NO ENCRYPTION, CLEAR RADIO (NO ADP) (US ONLY)	1	\$0.00	\$0.00	\$0.00



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1h	QA01427AG	ALT: APX8000/XE HOUSING GREEN	1	\$25.00	\$19.00	\$19.00
Product Services						
2	LSV00Q00202A	DEVICE PROGRAMMING	1	\$107.14	\$107.14	\$107.14
3	PMMN4132A	ACCESSORY KIT,XVE500 REMOTE SPEAKER MIC, HIGH IMPACT GREEN WITH KNOB	1	\$630.00	\$434.70	\$434.70
4	NNTN8863A	CHARGER, SINGLE-UNIT, IMPRES 2, 3A, 100-240VAC, US/NA PLUG	1	\$157.00	\$108.33	\$108.33
Grand Total					\$6,566.58(USD)	

## Notes:

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.







## Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead  
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO )

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept

Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)

FIRE TECH & SAFETY OF NEW ENGLAND, INC.  
 100 Business Park Dr., Unit 6  
 Tyngsborough, MA 01879  
 1-800-256-8700 Fax (978) 649-6833



Name / Address
FRANKLIN FIRE DEPT.-MA 40 WEST CENTRAL STREET FRANKLIN, MA 02038

## Quote

Date	Quote #
1/31/2022	195374
Valid for 15 Days	



Project	Terms	Rep
	Net 30	JL
	Unit Price	Total
E 14" PULL-ON	435.00	435.00
OVE ANY SIZE	110.00	110.00
lor	120.00	120.00
WITH RETRACT	335.00	335.00
I PRICE	0.00	0.00

			<b>Total</b>	\$1,000.00
--	--	--	--------------	------------

Notice: One or more of the products listed above may contain PFAS. For detailed product information please call 800-256-8700.  
 Unless otherwise noted on this quote, freight may be added at time of invoicing as Prepay & Add terms

# FIREMATIC SUPPLY CO., INC.

23 Birch Street, Milford, Mass. 01757  
Phone: 978-815-5181 FAX: (978) 422-9621  
pcavalieri@firematic.com  
WebSite: www.firematic.com

## Quote



DATE	PAGE
1/28/2022	1

QUOTE NUMBER
QT96428

EXPIRE DATE
2/27/2022

**Quoted  
To**

Deputy Jim Klich  
FRANKLIN FIRE DEPT.  
40 WEST CENTRAL STREET  
FRANKLIN, MA 02038

**Ship  
To**

FRANKLIN FIRE DEPT.  
40 WEST CENTRAL STREET  
FRANKLIN, MA 02038

CUSTOMER NO. 3260	CONTRACT NO.	PHONE NO. (508)528-2323	SALESPERSON PETE CAVALIERI	CUSTOMER PO. NO.
----------------------	--------------	----------------------------	-------------------------------	------------------

LINE NO.	ITEM NUMBER	DESCRIPTION	QTY ORDERED	UNIT PRICE	EXTENDED PRICE
1	STR90503	SURVIVOR SL-90 LED ORANGE,W/120V/12V	7	138.00	966.00
2	MSA10156459	G1 FACEPIECE,FS,MD NC,4PT C-HARNESS,MEDIUM	7	348.00	2,436.00
99	FREIGHT IN	FREIGHT FROM MANUFACTURER ACTUAL UPS FREIGHT WILL BE ADDITIONAL	1	0.00	0.00

Comments

Amount  
By:

3,402.00  
PETE CAVALIERI



**Axon Enterprise, Inc.**  
17800 N 85th St.  
Scottsdale, Arizona 85255  
United States  
Phone: (800) 978-2737

**Q-223929-43809.734SM**

Issued: 12/10/2019

Quote Expiration: 12/31/2019

Account Number: 230607

Payment Terms: Net 30  
Delivery Method: Fedex - Ground

**SHIP TO**

James West  
Franklin Police Dept - MA  
911 PANTHER WAY  
FRANKLIN, MA 02038  
US

**BILL TO**

Franklin Police Dept - MA  
911 PANTHER WAY  
FRANKLIN, MA 02038  
US

**SALES REPRESENTATIVE**

Sean Maher  
Phone: 4806763353  
Email: smaher@axon.com  
Fax:

**PRIMARY CONTACT**

James West  
Phone: (508) 528-1212  
Email: jwest@franklinma.gov

T60 00024909

NO holster discount

**Year 1**

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Axon Plans &amp; Packages</b>					
85176	TASER 60 YEAR 1 PAYMENT: X2 BASIC	46	345.00	317.40	14,600.40
<b>Hardware</b>					
22003	YELLOW X2 CEW, HANDLE	46	0.00	0.00	0.00
22012	TPPM, TACTICAL BATTERY PACK, PINKY EXTENDER, X2/X26P	52	0.00	0.00	0.00
22151	25 FT SMART CARTRIDGE, X2	104	0.00	0.00	0.00
Subtotal					14,600.40
Estimated Shipping					0.00
Estimated Tax					0.00
Total					14,600.40

85175 T60 X2 46 \$0

**Year 2**

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Axon Plans &amp; Packages</b>					
85177	TASER 60 YEAR 2 PAYMENT: X2 BASIC	46	345.00	317.40	14,600.40
Subtotal					14,600.40
Estimated Tax					0.00
Total					14,600.40

Q-223929-43809.734SM

SM

### Year 3

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Axon Plans &amp; Packages</b>					
85178	TASER 60 YEAR 3 PAYMENT: X2 BASIC	46	345.00	317.40	14,600.40 —
				Subtotal	14,600.40
				Estimated Tax	0.00
				Total	14,600.40

### Year 4

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Axon Plans &amp; Packages</b>					
85179	TASER 60 YEAR 4 PAYMENT: X2 BASIC	46	345.00	317.40	14,600.40 —
				Subtotal	14,600.40
				Estimated Tax	0.00
				Total	14,600.40

### Year 5

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Axon Plans &amp; Packages</b>					
85180	TASER 60 YEAR 5 PAYMENT: X2 BASIC	46	345.00	317.40	14,600.40 —
				Subtotal	14,600.40
				Estimated Tax	0.00
				Total	14,600.40

### Spares

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
<b>Hardware</b>					
22003	YELLOW X2 CEW, HANDLE	1	0.00	0.00	0.00 —
85175	TASER 60 X2	1	0.00	0.00	0.00 —
22012	TPPM, TACTICAL BATTERY PACK, PINKY EXTENDER, X2/X26P	1	0.00	0.00	0.00 —
				Subtotal	0.00
				Estimated Tax	0.00
				Total	0.00

**Grand Total** **73,002.00**



## Discounts (USD)

Quote Expiration: 12/31/2019

List Amount	79,350.00
Discounts	6,348.00
<b>Total</b>	<b>73,002.00</b>

*\*Total excludes applicable taxes*

## Summary of Payments

Payment	Amount (USD)
Year 1	14,600.40
Year 2	14,600.40
Year 3	14,600.40
Year 4	14,600.40
Year 5	14,600.40
Spares	0.00
<b>Grand Total</b>	<b>73,002.00</b>

Tax is subject to change at order processing with valid exemption.

### Axon's Sales Terms and Conditions

This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement (posted at [www.axon.com/legal/sales-terms-and-conditions](http://www.axon.com/legal/sales-terms-and-conditions)), as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

Signature:

*James M. West*

Date:

12/11/19

Name (Print):

JAMES M WEST

Title:

LIEUTENANT

PO# (Or write  
N/A):

Please sign and email to Sean Maher at [smaher@axon.com](mailto:smaher@axon.com) or fax to

Thank you for being a valued Axon customer. For your convenience on your next order, please check out our online store [buy.axon.com](http://buy.axon.com)

'Protect Life'® and TASER® are registered trademarks of Axon Enterprise, Inc, registered in the U.S. © 2013 Axon Enterprise, Inc. All rights reserved.

***Axon Internal Use Only***		
		SFDC Contract#:
		Order Type:
		RMA#:
		Address Used:
		SO#:
Review 1	Review 2	
Comments:		

Q-223929-43809.734SM



# Est.Budget Quote

Date: 11/19/2021

Valid Date: 9/30/2022

Chief Tom Lynch &amp; Officer Andressa Rosa

Franklin Police Department

911 Panther Way

Franklin MA. 02038

[arosa@franklinma.gov](mailto:arosa@franklinma.gov)[tlynch@franklinma.gov](mailto:tlynch@franklinma.gov)[774-287-5644](tel:774-287-5644)**Contract: GBPC**

Dave Brown

ITECH Salesman: Paul Leon

508-314-8228

**GBPC/MAPC 2022**

Qty	Item #	Description	Unit Price	Line Total
3.00		2022 Ford Utility PI Hybrid Engine (Patrol)	\$ 36,799.00	\$ 110,397.00
3.00		Credit Hybrid Engine to Gas Engine	\$ (3,346.50)	\$ (10,039.50)
3.00		Agate Black	\$ -	\$ -
3.00		Drivers Side Led Spot Light	\$ 383.15	\$ 1,149.45
3.00		Rear Gate Disable Delete	\$ -	\$ -
3.00		Dark Car Feature	\$ 24.25	\$ 72.75
3.00		Heated side mirrors	\$ 58.20	\$ 174.60
3.00		Reverse Sensing	\$ 266.75	\$ 800.25
3.00		Sync, Vintl Floor, Pre-drilled head lamps and Center Caps	\$ -	\$ -
3.00		Head Lamp Flashers	\$ -	\$ -
3.00		Trailer Hitch	\$ -	\$ -
3.00		Trailer Wiring Harness	\$ -	\$ -
3.00		Full Wheel Covers	\$ 58.20	\$ 174.60
3.00		<b>CMA VEHICLE PRICING</b>		<b>\$ 102,729.15</b>
				\$ -
		<b>ITS EQUIPMENT</b>		\$ -
				\$ -
3.00		Fleet Key	\$ 195.00	\$ 585.00
3.00		Custom paint (4 doors and roof white)	\$ 1,500.00	\$ 4,500.00
3.00		Window vent shades	\$ 95.00	\$ 285.00
3.00		Tint front windows 35%	\$ 195.00	\$ 585.00
3.00		Install customer supplied 2-way radios	\$ 230.00	\$ 690.00
3.00		Federal Signal Valor/Pathfinder/ Speaker	\$ 3,725.00	\$ 11,175.00
3.00		Front B/W Rear R/RA/RA/RA/BA/BA/BA/BA/AA/B	\$ -	\$ -



3.00		Federal Signal 795H-EXT P Infrared Pre-emption	\$ 1,502.13	\$ 4,506.39
3.00		Federal Signal OBDCABLE-25	\$ 150.00	\$ 450.00
3.00		Federal Signal EXPANMOD-24 harness	\$ 225.00	\$ 675.00
3.00		Federal Signal side mirror beams MPS62U-BW	\$ 365.00	\$ 1,095.00
9.00		Federal Signal (6) Lamp Rear outer Spoiler light	\$ 365.00	\$ 3,285.00
3.00		BA/RA/BA/BA/BA/BA	\$ -	\$ -
3.00		Havis C-VS_1012 Console	\$ 575.00	\$ 1,725.00
3.00		Havis (2) outlets w/ USB Ports	\$ 95.42	\$ 286.26
3.00		Dual cup holder	\$ 35.26	\$ 105.78
3.00		Havis ARM108 arm rest	\$ 152.95	\$ 458.85
3.00		Tremco anti theft switch	\$ 200.00	\$ 600.00
3.00		Federal Signal PBX-07 Push bumper w/ 4 channel	\$ 619.00	\$ 1,857.00
6.00		Federal Signal (2) MPS62U-RW & (2) MPS62U-BW	\$ 365.00	\$ 2,190.00
3.00		Federal Signal (2) MPS-123U-RBW side push lights	\$ 392.00	\$ 1,176.00
3.00		Kustom Signal Raptor KA Band Dual Antenna	\$ 2,331.56	\$ 6,994.68
3.00		Setina Cargo Box TK0233ITU12	\$ 1,465.00	\$ 4,395.00
3.00		Setina Electronic Tray	\$ 600.00	\$ 1,800.00
3.00		Setina Singe Cage	\$ 1,547.89	\$ 4,643.67
3.00		Setina Rear Seat w/ seat belt center pull and Rear Barrier	\$ 1,474.88	\$ 4,424.64
3.00		Setina Floor Pan	\$ 258.37	\$ 775.11
3.00		Setina rear door panel covers	\$ 363.64	\$ 1,090.92
3.00		Setina rear window bars	\$ 363.64	\$ 1,090.92
3.00		Setina Blac-Rack Weapon Rack	\$ 714.32	\$ 2,142.96
3.00		Charge Guard for computer system	\$ 200.00	\$ 600.00
3.00		Install customer supplied Ticket Printer	\$ 150.00	\$ 450.00
6.00		Federal Signal Led dome lights rear cargo	\$ 95.00	\$ 570.00
3.00		Shop Supplies	\$ 295.00	\$ 885.00
3.00		Federal Signal Rumbler Speakers and Bracket	\$ 620.00	\$ 1,860.00
3.00		Federal Signal (2) 416900 front corners B/W	\$ 235.00	\$ 705.00
6.00		Federal Signal (4) 416900 rear RW/RW/BW/BW	\$ 235.00	\$ 1,410.00
3.00		Bayco Passenger Side Head Rest Printer Mount	\$ 325.00	\$ 975.00
				\$ -
		ITS EQUIPMENT PRICING		\$ 71,043.18

3.00	NOTE	Add estimated 7% increase for 2023 model year		\$ 12,164.00
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Subtotal

\$185,936.33

Sales Tax

\$ -

Grand Total

\$185,936.33





FRANKLIN POLICE DEPT

Cr radio

11/05/2021





**MOTOROLA SOLUTIONS**

QUOTE-1594950

11/05/2021

FRANKLIN POLICE DEPT  
911 PANTHER WAY  
FRANKLIN, MA 02038

RE: Motorola Quote for Cr radio  
Dear Andressa Rosa,

Motorola Solutions is pleased to present FRANKLIN POLICE DEPT with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide FRANKLIN POLICE DEPT with the best products and services available in the communications industry. Please direct any questions to George Voorhees at [gvoorhees@cybercomminc.com](mailto:gvoorhees@cybercomminc.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

George Voorhees  
Account Executive

Motorola Solutions Manufacturer's Representative



Billing Address:  
 FRANKLIN POLICE DEPT  
 911 PANTHER WAY  
 FRANKLIN, MA 02038  
 US

Quote Date:11/05/2021  
 Expiration Date:01/01/2022  
 Quote Created By:  
 George Voorhees  
 Account Executive  
 gvoorhees@cybercomminc.com  
 5085611515

End Customer:  
 FRANKLIN POLICE DEPT  
 Andressa Rosa  
 arosa@franklinma.gov  
 Contract: 22564 - ITT57 MA STATE

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 6500 / Enh Series	APX6500/LI				
1	M25SSS9PW1AN	APX6500 UHF R2 MID POWER MOBILE	1	\$2,633.00	\$2,001.08	\$2,001.08
1a	GA00235AA	ADD: NO GPS ANTENNA NEEDED APX	1	\$0.00	\$0.00	\$0.00
1b	Q811BS	ENH: DIGITAL CONVENTIONAL	1	\$650.00	\$494.00	\$494.00
1c	GA05100AA	ADD: STD WARRANTY - NO ESSENTIAL	1	\$0.00	\$0.00	\$0.00
1d	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	1	\$60.00	\$45.60	\$45.60
1e	G510AB	ADD:ANT LOW PROFILE 450-512 MHZ	1	\$50.00	\$38.00	\$38.00
1f	G67EG	ADD: REMOTE MOUNT E5 MID POWER	1	\$297.00	\$225.72	\$225.72
1g	G444AE	ADD: APX CONTROL HEAD SOFTWARE	1	\$0.00	\$0.00	\$0.00
1h	GA01670AA	ADD: APX E5 CONTROL HEAD	1	\$652.00	\$495.52	\$495.52
1i	W22BA	ADD: STD PALM MICROPHONE APX	1	\$72.00	\$54.72	\$54.72



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, the Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
 Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800



Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1j	W969BG	ADD: MULTIKEY OPERATION	1	\$330.00	\$250.80	\$250.80
1k	G193AK	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	1	\$0.00	\$0.00	\$0.00

**Grand Total****\$3,605.44(USD)****Notes:**

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



**Advanced Electronic Design Inc**

344 John Dietsch Blvd, Unit 2  
North Attleboro, MA, US 02763  
(508) 699-0458

DRAFT



# QUO-5085

2021-11-28

**Sales Agent:** Tasha Lusardi  
**Email:** tlusardi@patrolpc.com  
**Phone:** (508)699-0458 x103

Attention		
Andressa Rosa	arosa@franklinma.gov	(774) 287-5644

Bill To	Ship To
MA - Town of Franklin PD 911 Panther Way Franklin, MA - 02038	MA - Town of Franklin PD 911 Panther Way Franklin, MA - 02038

Expiry Date	Shipping Rate	Payment Terms
2022-01-27	GROUND	NET 30

Item	Description	Type	Unit Price	Qty	Line Total
CBL-PWR-6FT	6 FT Fused Power Cable	SALE	\$74.00	1	\$74.00
MNT-VEH-TM-5126AP-PIU-20	Westin On-Dash Tablet and Keyboard Mount. Tablet Mount with Single Arm, Double Pivot, and G.R.I.P. Tilt/Swivel with Adaptor Plate with VESA 75, VESA 100 & 2X4 Patterns (AP-5120-UNIV).. Keyboard Mount with 10" Telescopic Post and Double Arm with Triple Pivot, G.R.I.P. Tilt/Swivel with Adjustable Tray for 12" Keyboard for Ford POLICE INTERCEPTOR UTILITY (2020)	SALE	\$579.00	1	\$579.00
ANT-AP-MMF-CC-Q-S22-BL	Antenna Plus - MULTIMAX FV: MIMOx2 Cell/LTE antenna. Threaded bolt mount. 15 feet coax with all SMA male connectors, Black - 1 year manufacturer's warranty.	SALE	\$160.00	1	\$160.00
INSTALL	Installation service	SERVICE	\$500.00	1	\$500.00

☐ I have read and understood the following terms and conditions.

Will a matching PO be issued for this order? YES ☐ NO ☐

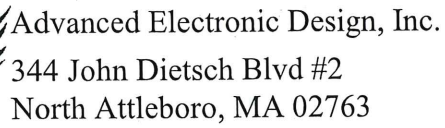
**Subtotal:** \$1,313.00**Shipping Cost:** \$90.86**Total:** \$1,403.86**Printed Name:** \_\_\_\_\_**Date of Approval:** \_\_\_\_\_\_\_\_\_\_  
**Signature of Approval****Note:**

- (1) - 2022 PIU
- (1) - Computer Install - \$400
- (1) - Antenna Install - \$100

**Terms & Conditions:**

Sales tax, if applicable, will be invoiced in accordance with purchaser's tax rate. Unpaid balances accrue 1.5% interest per month.





Date	Quote #
11/30/2021	QUO-5043

Rep	Other
TRL	QUO-5043

[illegible]



**Estimate #15024**

**11/22/2021**

**Prepared For:**

FRANKLIN PD  
T.J. LYNCH  
911 PANTHER WAY  
FRANKLIN, MA 02038

Phone: 508-528-1212 Fax: 508-520-7950  
Alt. Phone:  
E-Mail: tlynch@franklinpolice.com

**Prepared By:**

JODI  
Municipal Graphics Inc  
30 Commercial Drive  
Wrentham, MA 02093  
USA

Phone: 5083840925 Fax: 508-384-9536  
Alt. Phone:  
E-Mail: chris@municipalgraphics.com

**Description:**

(1) 2022 CRUISER

**Estimated time for production:** 1 working days

Quantity	Description	Each	Total	Taxable
1	DESIGN, MANUFACTURE AND APPLY GRAPHICS PACKAGE; 2022 CRUISER	925.00	\$925.00	✓
		Subtotal	\$925.00	
		Sales Tax	\$0.00	
		<b>Total</b>	<b>\$925.00</b>	

**Terms:**

Payment due on receipt of invoice

By my signature, I authorize work to begin and agree to pay the above amount in full according to the terms on this agreement.

Signed by

Date

Amt. Paid Today





## FRANKLIN POLICE DEPARTMENT

Thomas J. Lynch, Chief of Police  
James A. Mill, Deputy Chief of Police  
911 Panther Way, Franklin, MA 02038  
Telephone: (508) 528-1212  
Fax: (508) 520-4747

[www.franklinma.gov/police-department](http://www.franklinma.gov/police-department)

December 2, 2021

To: Chief Lynch

From: Kristin Donovan

Re: FY22 Capital Request

I am requesting money in the capital for FY22 for the replacement of cabinets and an additional desk and chair for the Sergeant's Office. We are currently sharing a desk and chair between two Sergeants who work the same shift; one desktop for two phones, two computers and multiple files that should be contained in an individual workspace.

A lot of the locking mechanisms on the cabinets currently in there are non-functioning.

By downsizing the cabinets required for them to lock their gear; we can supplement the space with another work area. Attached is the quote from the vendor that Franklin Facilities uses for the town buildings.



"We do everything,  
but clean gloves."

800-723-3894 *toll free!*  
508-668-0632 *main office*  
508-668-8907 *fax*

P.O. BOX 2378  
PLAINVILLE, MA 02762  
[www.glovecleaners.com](http://www.glovecleaners.com)

## PRICE QUOTE

Page 1

Printed 12/02/21 MC

### Quoted

Franklin Police Department  
Attn: Kristin Gutauskas-Donovan  
911 Panther Way  
Franklin MA 02038

### Ship To

Franklin Police Department  
911 Panther Way  
Franklin MA 02038

Quote #	Quote Date	Exp Date	Customer #	Customer P/O #	Ship Via	Writer
Q011363	12/02/2021	12/17/2021	0008774	Kristin Gutauska	GCSPI & AW Fleet	MC
Job ID	Customer Terms			Salesman		
	No Terms			Mike Crowley		

Product	Description	UM	Quant	Unit Price	Extension
OFS-ALEEN4218	ALERA EON SERIES MULTIFUNCTION EA MID-BACK SUSPENSION MESH CHAIR, SUPPORTS UP TO 275 LB, 17.51" TO 21.25" SEAT HEIGHT, BLACK		1	396.99	396.99
OFS-HON38251B9Q	38000 SERIES RIGHT PEDESTAL EA DESK, 48" X 30" X 30", LIGHT GRAY/SILVER		1	1116.85	1116.85
OFS-BSX432LP	HON 400 SERIES LATERAL FILE, 2 EA LEGAL/LETTER-SIZE FILE DRAWERS, BLACK, 30" X 18" X 28"		6	589.35	3536.10
					57049.94

X: \_\_\_\_\_  
(Accepted by)

### MESSAGE

### TERMS



## FRANKLIN POLICE DEPARTMENT

Thomas J. Lynch, Chief of Police  
 James West, Deputy Chief of Police  
 911 Panther Way, Franklin, MA 02038  
 Telephone: (508) 528-1212  
 Fax: (508) 520-4747

[www.franklinma.gov/police-department](http://www.franklinma.gov/police-department)

To: Chief Thomas J. Lynch  
 Fr: Officer Andressa Rosa  
 Re: Cruiser Purchase FY2022  
 Dt: 12/03/2021

There are currently five patrol vehicles in the department's fleet that meet our Cruiser Replacement Standards.

Marked Cruiser 602, 2017 Ford Explorer, with 72,680 miles  
 Marked Cruiser 606, 2017 Ford Explorer, with 61,984 miles  
 Marked Cruiser 618, 2011 Crown Victoria, 10 years old

Unmarked Cruiser 611, 2011 Crown Victoria, 10 years old  
 Unmarked Cruiser 627, 2014 Ford Taurus, with 84,140 miles

Odometer Readings	Marked	Unit	DOP	Type
Broken Odometer	2FABP7BV5BX180723	618	2011	CROWN VIC
72,680 / 90,719	1FM5K8AR1HGA17545	602	2017	UTILITY
61,984 / 77,480	1FM5K8AR8HGD26686	606	2017	UTILITY
	<b>Unmarked</b>			
84,140 / 105,175	1FAHP2MK6EG107242	627	2014	SEDAN
46,736 / 58,420	2FABP7BV3BX135537	611	2011	CROWN VIC

Attached you will find spreadsheets detailing the replacement cost for each cruiser.

Priority	Car	Cost	Lettering	Radio Estimate	Install	Bracket	Patrol PC Estimate	Total	Notes
1	618	\$61,978.78	\$925.00	\$3,605.44			\$1,403.86	\$67,913.08	
2	602	\$61,978.78	\$925.00	\$3,605.44			\$1,403.86	\$67,913.08	
3	627	\$50,078.75		\$5,950.29	\$365.00	\$32.00		\$56,426.04	Unmarke
4	611	\$50,078.75		\$5,950.29	\$365.00	\$32.00		\$56,426.04	Unmarke
5	606	\$61,978.78	\$925.00	\$3,605.44			\$2,068.86	\$68,578.08	
							<b>Total</b>	<b>\$317,256.32</b>	
						2 New MDT's		\$ 20,000.00	
								<b>\$337,256.32</b>	




Police Fleet - Capital Improvement 5 Year Plan									
	Year Purchased	Item Description	FY To be Replaced	Year 1 FY22	Year 2 FY23	Year 3 FY24	Year 4 FY25	Year 5 FY26	Notes
Odometer Readings									Computer Year
Odometer / Engine		Police Cruisers - Marked							
56,022 / 70,028	2017	Ford Police Interceptor Utilizy - 601	2023		\$ 69,950.47				2016
72,575 / 90,719	2017	Ford Police Interceptor Utilizy - 602	2022	\$ 67,913.08					2016
16,136 / 20,170	2020	Ford Police Interceptor Utilizy - 603	2026					\$ 76,436.77	2014
0 / 0	2021	Ford Police Interceptor Utilizy - 604							2017
0 / 0	2021	Ford Police Interceptor Utilizy - 605							2017
61,984 / 77,480	2017	Ford Police Interceptor Utilizy - 606	2022	\$ 67,913.08					2017
60,238 / 75,298	2017	Ford Police Interceptor Utilizy - 612	2023		\$ 69,950.47				2017
57,482 / 71,853	2017	Ford Police Interceptor Utilizy - 613	2023		\$ 69,950.47				2017
31,342 / 39,178	2019	Ford Police Interceptor Utilizy - 614	2024			\$ 72,048.98			2014
27,462 / 34,328	2019	Ford Police Interceptor Utilizy - 615	2025				\$ 74,210.45		2014
0 / 0	2021	Ford Police Interceptor Utilizy - 616							2015
29,594 / 36,993	2018	Ford Police Interceptor Utilizy - 617	2025				\$ 74,210.45		2018
broken	2011	Ford Crown Victoria Police Interceptor - 618	2022	\$ 68,578.08					2015
0 / 0	2021	Ford Police Interceptor Utilizy - 619							2015
37,468 / 46,835	2018	Ford Police Interceptor Utilizy - 622	2024			\$ 72,048.98			2014
52,439 / 65,549	2018	Ford Police Interceptor Utilizy - 623	2024			\$ 72,048.98			2017
12,552 / 15,690	2020	Ford Police Interceptor Utilizy - 624	2026					\$ 76,436.77	2020
23,061 / 28,826	2019	Ford Police Interceptor Utilizy - 626	2025				\$ 74,210.45		2019
83,845 / 104,806	2017	Ford Police Interceptor Utilizy - 629	2026					\$ 76,436.77	
		Police Cruisers - Unmarked							
28,610	2015	SEDAN - 607						\$ 63,508.01	
40,400	2016	SEDAN - 608			\$ 58,118.82				
34,171	2013	SEDAN - 609					\$ 61,658.26		
46,736	2020	UTILITY - 610							
0	2011	CROWN VIC - 611	2022	\$ 56,426.04					
35,469	2021	UTILITY - 620							
43,560	2014	SEDAN - 621							
84,140	2018	UTILITY - 625				\$ 59,862.39			
79,007	2014	SEDAN - 627	2022	\$ 56,426.04					2018
38,176	2015	UTILITY - 628							
	2014	CRUISE - UC1							
		Total Fleet		\$ 317,256.32	\$ 267,970.23	\$ 276,009.33	\$ 284,289.61	\$ 292,818.31	
		MDT Replacement		\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	
		Total Projected Cost		\$ 337,256.32	\$ 287,970.23	\$ 296,009.33	\$ 304,289.61	\$ 312,818.31	

Attached you will find the five year projected plan for the fleet. All the prices were inflated by 3% per year.

Please note that our MDT's will be in operation for 10 years, in the next 5 years. The MDT's model we currently have in our cruisers are no longer made therefore some parts have been discontinued. I am attaching quotes for two styles of MDT's and their pricing. My goal is to replace two MDT's per year for the next 5 years.

Respectfully Submitted,

  
\_\_\_\_\_  
Officer Andressa Rosa #54

LOCATION	TAG #	DOB		SERIAL NUMBER	2022	2023	2024	2025	2026
MIRCS	436	Jul-20	5 Years	MXL0104M2P					
DET (BAKER)	449	Jul-20	5 Years	MXL0112347					
PATROL 1	433	Jul-20	5 Years	MXL0104M29					
PATROL 2	434	Jul-20	5 Years	MXL0104M2M					
PATROL 3	435	Jul-20	5 Years	MXL0104M23					
SGT MARGUERITE	142	Oct-16	5 Years	MXL604232B					
DET (BUSSEY)	271,272	Oct-16	5 Years	MXL6402327					
DET (FIYNN)	267,268	Jul-19	5 Years	MXL92222HBD					
SGT (PALMEIRI)	273,274	Oct-16	5 Years	MXL6402326					
DET (MACLEAN)	265,266	Oct-16	5 Years	MXL6402325					
SGT (COLECCHI)	446	Jul-20	5 Years						
ADMIN (JRYAN)	448,130	Aug-16	3 Years	MXL0104M2W					
ADMIN (CHIEF)	124	Aug-16	3 Years	h4r6qd2					
MARTINI	131	Mar-17	5 Years	3T24HH2					
ADMIN (NAGLE)	390	Jul-20	5 Years	381DR33					
MONTAGANO	143	Sep-15	5 Years	MXL53812C6					
CAMERAS KEYFOB	140	Mar-12		7CKOLSI	As Needed				
ADMIN (KRISTIN)	147	Mar-17	5 Years	3T23HH2					
ADMIN (WEST)		Jul-20	5 Years						
ADMIN (ZIMM)	450	Jul-20	5 Years	320DR33					
SAFETY (SPILLANE)	437	Jul-20	5 Years	MXL0104M2T					
SAFETY (MUCCI)	136	Oct-16	5 Years	MXL640232F					
SAFETY (GOVE)	261	Apr-16	5 Years	MXL6402328					
SGT (REILLY)	439	Jul-20	5 Years	MXL0104M2S					
SGT (MACQUARRIE)	132	Oct-16	5 Years	MXL6402324					
SGT (COPELAND)	438	Jul-20	5 Years	MXL011234K					
SGT (SMITH)	133	Jul-20	5 Years	MXL6402321					
SGT (CAMPANELLI)	134	Oct-16	5 Years	MXL6402323					
ADMIN (LAURA)	448	Jul-20	5 Years						
COMM 1	144	Jul-15	5 Years	3TV2RDH2	As Needed				
COMM 2	129	Aug-15	5 Years	ILLEGIBLE	As Needed				
COMM 3	125	Aug-16	5 Years	H4R8QD2	As Needed				







## A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

<b>Quote No.</b>	<b>3000105732837.1</b>	<b>Sales Rep</b>	Kevin Rezka
<b>Total</b>	<b>\$2,961.22</b>	<b>Phone</b>	(800) 456-3355, 6179294
<b>Customer #</b>	5624976	<b>Email</b>	Kevin_Rezka@DELL.com
<b>Quoted On</b>	Nov. 17, 2021	<b>Billing To</b>	ACCOUNTS PAYABLE
<b>Expires by</b>	Dec. 17, 2021		FRANKLIN POLICE DEPT
<b>Contract Name</b>	Commonwealth of		911 PANTHER WAY
	Massachusetts ITC73		FRANKLIN, MA 02038-2982
<b>Contract Code</b>	C000000882007		
<b>Customer Agreement #</b>	ITC73-Dell		

### Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,  
Kevin Rezka

### Shipping Group

<b>Shipping To</b>	<b>Shipping Method</b>
KRISTIN GUTAUSKAS FRANKLIN POLICE DEPT 911 PANTHER WAY FRANKLIN, MA 02038-2982 (508) 440-2763	Standard Delivery

Product	Unit Price	Quantity	Subtotal
OptiPlex 7090 Small Form Factor	<i>Chief-</i> \$1,114.62	1	\$1,114.62
OptiPlex 7490 AIO	\$1,306.61	1	\$1,306.61
Epson EcoTank Wireless All-in-One Supertank Printer - ET-8500	<i>printer-</i> \$539.99	1	\$539.99



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<b>Subtotal:</b>	<b>\$2,961.22</b>
<b>Shipping:</b>	<b>\$0.00</b>
<b>Environmental Fee:</b>	<b>\$0.00</b>
<b>Non-Taxable Amount:</b>	<b>\$2,961.22</b>
<b>Taxable Amount:</b>	<b>\$0.00</b>
<b>Estimated Tax:</b>	<b>\$0.00</b>

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<b>Total:</b>	<b>\$2,961.22</b>
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## Shipping Group Details

### Shipping To

KRISTIN GUTAUSKAS  
FRANKLIN POLICE DEPT  
911 PANTHER WAY  
FRANKLIN, MA 02038-2982  
(508) 440-2763

### Shipping Method

Standard Delivery

		Quantity	Subtotal	
<b>OptiPlex 7090 Small Form Factor</b>		<b>\$1,114.62</b>	<b>1</b>	
Estimated delivery if purchased today: Nov. 23, 2021 Contract # C000000882007 Customer Agreement # ITC73-Dell				
Description	SKU	Unit Price	Quantity	Subtotal
NO RAID	817-BBBN	-	1	-
OptiPlex 7090 Small Form Factor BTX	210-AYVK	-	1	-
Intel Core i7-11700 (8 Cores/16MB/16T/2.5GHz to 4.9GHz/65W); supports Windows 10/Linux	338-BZOZ	-	1	-
Windows 10 Pro English, French, Spanish	619-AHKN	-	1	-
No Microsoft Office License Included – 30 day Trial Offer Only	658-BCSB	-	1	-
16GB (2x8GB) DDR4 non ECC memory	370-AGFS	-	1	-
M.2 256GB PCIe NVMe Class 40 Solid State Drive	400-BLOQ	-	1	-
M.2 22x30 Thermal Pad	412-AAQT	-	1	-
M2X3.5 Screw for SSD/DDPE	773-BBBC	-	1	-
No Additional Hard Drive	401-AANH	-	1	-
Intel Integrated Graphics, Dell OptiPlex	490-BBFG	-	1	-
OptiPlex 7090 SFF with 200W (BRZ), Supports up to 8 Core Processors	329-BFNX	-	1	-
System Power Cord (Philippine/TH/US)	450-AAOJ	-	1	-
DVD+/-RW Bezel	325-BDSH	-	1	-
8x DVD+/-RW 9.5mm Optical Disk Drive	429-ABFH	-	1	-
CMS Essentials DVD no Media	658-BBTV	-	1	-
No Media Card Reader	379-BBHM	-	1	-
No Wireless LAN Card (no WiFi enablement)	555-BBFO	-	1	-
No Additional Network Card Selected (Integrated NIC included)	555-BBJO	-	1	-
No Wireless Driver (no WiFi enablement)	340-AFMQ	-	1	-
No Stand Option	575-BBBI	-	1	-
No Additional Cable Requested	379-BBCY	-	1	-
No PCIe add-in card	492-BBFF	-	1	-
No Additional Add In Cards	382-BBHX	-	1	-
No Additional Video Ports	492-BCKH	-	1	-
Dell Pro Wireless Keyboard and Mouse - KM5221W - English	580-AJJG	-	1	-
Mouse included with Keyboard	570-AADI	-	1	-
No Cable Cover	325-BCZQ	-	1	-

Not selected in this configuration	817-BBBC	-	1	-
SupportAssist	525-BBCL	-	1	-
Dell(TM) Digital Delivery Cirrus Client	640-BBLW	-	1	-
Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps)	658-BBMR	-	1	-
Waves Maxx Audio	658-BBRB	-	1	-
Dell SupportAssist OS Recovery Tool	658-BEOK	-	1	-
Dell Optimizer	658-BEQP	-	1	-
Windows PKID Label	658-BFDQ	-	1	-
OS-Windows Media Not Included	620-AALW	-	1	-
ENERGY STAR Qualified	387-BBLW	-	1	-
SERI Guide (ENG/FR/Multi)	340-AGIK	-	1	-
Dell Watchdog Timer	379-BEKK	-	1	-
Quick Setup Guide 7090 SFF	340-CVQT	-	1	-
US Order	332-1286	-	1	-
Print on Demand Label	389-BDQH	-	1	-
Trusted Platform Module (Discrete TPM Enabled)	329-BBJL	-	1	-
Shipping Material for SFF	340-CQYR	-	1	-
Shipping Label	389-BBUU	-	1	-
Regulatory Label for OptiPlex 7090 SFF 200W	389-DZGS	-	1	-
No Hard Drive Bracket, Dell OptiPlex	575-BBKX	-	1	-
11th Gen Intel Core i7 vPro label	340-CTSW	-	1	-
Desktop BTS/BTP Shipment	800-BBIP	-	1	-
No Anti-Virus Software	650-AAAM	-	1	-
Fixed Hardware Configuration	998-ESTT	-	1	-
Speaker for Tower and SFF	520-AARD	-	1	-
No AutoPilot	340-CKSZ	-	1	-
Intel vPro Technology Enabled	631-ACXI	-	1	-
EPEAT 2018 Registered (Silver)	379-BDTO	-	1	-
Dell Limited Hardware Warranty Plus Service	812-3886	-	1	-
ProSupport: 7x24 Technical Support, 3 Years	812-3894	-	1	-
ProSupport: Next Business Day Onsite 3 Years	812-3908	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit <a href="https://support.dell.com/ProSupport">//support.dell.com/ProSupport</a>	989-3449	-	1	-

	<b>Quantity</b>	<b>Subtotal</b>
<b>\$1,306.61</b>	<b>1</b>	<b>\$1,306.61</b>

### OptiPlex 7490 AIO

Estimated delivery if purchased today:  
Jan. 17, 2022  
Contract # C000000882007  
Customer Agreement # ITC73-Dell

Description	SKU	Unit Price	Quantity	Subtotal
NO RAID	817-BBBN	-	1	-
OptiPlex 7490 All-in-One BTX	210-AYVT	-	1	-
10th Generation Intel Core i7-10700 (8-Core, 16MB Cache, 2.9GHz to 4.8GHz, 65W)	338-BVCD	-	1	-

Windows 10 Pro English, French, Spanish	619-AHKN	-	1	-
No Microsoft Office License Included – 30 day Trial Offer Only	658-BCSB	-	1	-
16GB (1x16GB) DDR4 non ECC memory	370-AFWB	-	1	-
M.2 256GB PCIe NVMe Class 40 Solid State Drive	400-BLOQ	-	1	-
Thermal Pad	412-AALV	-	1	-
Screw for M.2 SATA SSD	773-BBBJ	-	1	-
No Additional Hard Drive	401-AADF	-	1	-
Intel Integrated Graphics, Dell OptiPlex	490-BBFG	-	1	-
7490 AIO 23.8" FHD 1920x1080 WVA Non-Touch Anti-Glare, Camera, Integrated Graphics, Bronze 160w Power Supply	329-BFNP	-	1	-
System Power Cord (Philippine/TH/US)	450-AAOJ	-	1	-
Intel Wi-Fi 6 AX201, Dual-band 2x2 802.11ax with MU-MIMO + Bluetooth 5.1	555-BFQU	-	1	-
SCR, WIFI CARD	555-BGOI	-	1	-
Wireless Driver, Intel AX201	555-BGOV	-	1	-
OptiPlex All-in-One Height Adjustable Stand, All-in-One	575-BBRF	-	1	-
No Additional Cable Requested	379-BBCY	-	1	-
Dell Pro Wireless Keyboard and Mouse - KM5221W - English	580-AJJG	-	1	-
Mouse included with Keyboard	570-AADI	-	1	-
No Cable Cover	325-BCZQ	-	1	-
Not selected in this configuration	817-BBBC	-	1	-
SupportAssist	525-BBCL	-	1	-
Dell(TM) Digital Delivery Cirrus Client	640-BBLW	-	1	-
Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps)	658-BBMR	-	1	-
Waves Maxx Audio	658-BBRB	-	1	-
Dell SupportAssist OS Recovery Tool	658-BEOK	-	1	-
Dell Optimizer	658-BEQP	-	1	-
Windows PKID Label	658-BFDQ	-	1	-
Non-Touch LCD, Dell OptiPlex AIO	391-BBDM	-	1	-
OS-Windows Media Not Included	620-AALW	-	1	-
ENERGY STAR Qualified	387-BBLW	-	1	-
SERI Guide (ENG/FR/Multi)	340-AGIK	-	1	-
Dell Watchdog Timer	379-BEKU	-	1	-
Quick Setup Guide 7490	340-CVFN	-	1	-
US Order	332-1286	-	1	-
Print on Demand Label	389-BDQH	-	1	-
Trusted Platform Module (Discrete TPM Enabled)	329-BBJL	-	1	-
Shipping Material for Fixed Stand / Height Adjustable Stand OptiPlex AIO	340-CRJB	-	1	-
Shipping Label	389-BBUU	-	1	-
FCC statement label AIO	389-DVDQ	-	1	-
Regulatory Label for OptiPlex 7490 AiO integrated graphics config (FSJ)	389-DZDM	-	1	-

Intel Core i7 vPro Processor Label	340-CPOZ	-	1	-
Desktop BTS/BTP Shipment	800-BBIP	-	1	-
No Anti-Virus Software	650-AAAM	-	1	-
Fixed Hardware Configuration	998-EWVC	-	1	-
Intel vPro Technology Enabled	631-ACWB	-	1	-
No AutoPilot	340-CKSZ	-	1	-
No External ODD	429-ABGY	-	1	-
EPEAT 2018 Registered (Silver)	379-BDTO	-	1	-
Thank you choosing Dell ProSupport. For tech support, visit //support.dell.com/ProSupport	989-3449	-	1	-
Dell Limited Hardware Warranty Plus Service	997-6870	-	1	-
ProSupport: Next Business Day Onsite 3 Years	997-6895	-	1	-
ProSupport: 7x24 Technical Support, 3 Years	997-6915	-	1	-

			<b>Quantity</b>	<b>Subtotal</b>
<b>Epson EcoTank Wireless All-in-One Supertank Printer - ET-8500</b>	<b>\$539.99</b>		<b>1</b>	<b>\$539.99</b>

Estimated delivery if purchased today:

Dec. 22, 2021

Contract # C000000882007

Customer Agreement # ITC73-Dell

<b>Description</b>	<b>SKU</b>	<b>Unit Price</b>	<b>Quantity</b>	<b>Subtotal</b>
Epson EcoTank Wireless All-in-One Supertank Printer - ET-8500	AB614935	-	1	-

<b>Subtotal:</b>	<b>\$2,961.22</b>
<b>Shipping:</b>	<b>\$0.00</b>
<b>Environmental Fee:</b>	<b>\$0.00</b>
<b>Estimated Tax:</b>	<b>\$0.00</b>
<b>Total:</b>	<b>\$2,961.22</b>



## Important Notes

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### Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to [Tax\\_Department@dell.com](mailto:Tax_Department@dell.com) or [ARSalesTax@emc.com](mailto:ARSalesTax@emc.com), as applicable.

**Governing Terms:** This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at [www.dell.com/terms](http://www.dell.com/terms) or [www.dell.com/oemterms](http://www.dell.com/oemterms)), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

**Supplier Software Licenses and Services Descriptions:** Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on [www.Dell.com/eula](http://www.Dell.com/eula). Descriptions and terms for Supplier-branded standard services are stated at [www.dell.com/servicecontracts/global](http://www.dell.com/servicecontracts/global) or for certain infrastructure products at [www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm](http://www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm).

**Offer-Specific, Third Party and Program Specific Terms:** Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on [www.dell.com/offeringspecifictterms](http://www.dell.com/offeringspecifictterms) ("Offer Specific Terms").

**In case of Resale only:** Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

**In case of Financing only:** If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.



## A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your [Premier page](#), or, if you do not have Premier, use this [Quote to Order](#).

<b>Quote No.</b>	<b>3000105725609.1</b>	<b>Sales Rep</b>	Kevin Rezka
<b>Total</b>	<b>\$1,240.78</b>	<b>Phone</b>	(800) 456-3355, 6179294
<b>Customer #</b>	5624976	<b>Email</b>	Kevin_Rezka@DELL.com
<b>Quoted On</b>	Nov. 17, 2021	<b>Billing To</b>	ACCOUNTS PAYABLE
<b>Expires by</b>	Dec. 17, 2021		FRANKLIN POLICE DEPT
<b>Contract Name</b>	Commonwealth of		911 PANTHER WAY
	Massachusetts ITC73		FRANKLIN, MA 02038-2982
<b>Contract Code</b>	C000000882007		
<b>Customer Agreement #</b>	ITC73-Dell		

### Message from your Sales Rep

Please contact your Dell sales representative if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,  
Kevin Rezka

### Shipping Group

<b>Shipping To</b>	<b>Shipping Method</b>
KRISTIN GUTAUSKAS FRANKLIN POLICE DEPT 911 PANTHER WAY FRANKLIN, MA 02038-2982 (508) 440-2763	Standard Delivery

Product	Unit Price	Quantity	Subtotal
Dell Latitude 3420	<i>Laptop</i> \$1,240.78	1	\$1,240.78
<b>Subtotal:</b>			<b>\$1,240.78</b>
<b>Shipping:</b>			<b>\$0.00</b>
<b>Environmental Fee:</b>			<b>\$0.00</b>
<b>Non-Taxable Amount:</b>			<b>\$1,240.78</b>
<b>Taxable Amount:</b>			<b>\$0.00</b>
<b>Estimated Tax:</b>			<b>\$0.00</b>
<b>Total:</b>			<b>\$1,240.78</b>



## Shipping Group Details

### Shipping To

KRISTIN GUTAUSKAS  
FRANKLIN POLICE DEPT  
911 PANTHER WAY  
FRANKLIN, MA 02038-2982  
(508) 440-2763

### Shipping Method

Standard Delivery

		Quantity	Subtotal	
<b>Dell Latitude 3420</b>		<b>\$1,240.78</b>	<b>1</b>	<b>\$1,240.78</b>
Estimated delivery if purchased today: Nov. 23, 2021 Contract # C000000882007 Customer Agreement # ITC73-Dell				
Description	SKU	Unit Price	Quantity	Subtotal
Dell Latitude 3420, BTX	210-AYNJ	-	1	-
11th Generation Intel Core i7-1165G7 (4 Core, 12M Cache, base 2.8 GHz, up to 4.7 GHz)	379-BEMX	-	1	-
Windows 10 Pro English, French, Spanish	619-AHKN	-	1	-
No Microsoft Office License Included – 30 day Trial Offer Only	658-BCSB	-	1	-
Intel i7-1165G7, Intel Iris Xe Graphics	338-BZBH	-	1	-
8GB, 1x8GB, DDR4 Non-ECC	370-AFVS	-	1	-
M.2 256GB PCIe NVMe Class 35 Solid State Drive	400-BIJP	-	1	-
Not selected in this configuration	817-BBBC	-	1	-
14" FHD (1920 x 1080) AG Non-Touch, 250nits, Camera w/shutter & Microphone, WLAN Capable	391-BFVT	-	1	-
Non-Backlit Keyboard for English US	580-AJMI	-	1	-
No Mouse	570-AADK	-	1	-
WLAN Intel AX201 WLAN + BT Driver (WIFI + Bluetooth)	555-BGMJ	-	1	-
Intel Dual Band Wi-Fi 6 AX201 2x2 802.11ax 160MHz + Bluetooth 5.1	555-BFNI	-	1	-
No Mobile Broadband Card	556-BBCD	-	1	-
4 Cell 54Whr ExpressCharge™ Capable Battery	451-BCUB	-	1	-
65W AC Adapter, 4.5mm Barrel	492-BDBO	-	1	-
No Fingerprint Reader, WLAN Capable	346-BHFG	-	1	-
No Anti-Virus Software	650-AAAM	-	1	-
Foxit PhantomPDF Standard	634-BWQP	-	1	-
OS-Windows Media Not Included	620-AALW	-	1	-
US Power Cord	537-BBBL	-	1	-
Quick Start Guide for 3420	340-CVBB	-	1	-
US Order	332-1286	-	1	-
No Resource USB Media	430-XXYG	-	1	-
SMALL BUSINESS	379-BELF	-	1	-
No Docking Station	452-BBSE	-	1	-
SERI Guide (ENG/FR/Multi)	340-AGIK	-	1	-
ENERGY STAR Qualified	387-BBPQ	-	1	-
Fixed Hardware Configuration	998-ERIS	-	1	-



Regulatory Label included	389-BEYY	-	1	-
Additional Software	658-BEZX	-	1	-
Min Package (BTS) TGL	340-CVSN	-	1	-
Intel(R) Core(TM) i7 non-vPro Processor Label	389-DXDV	-	1	-
BTS/BTP Smart Selection Shipment (VS)	800-BBQH	-	1	-
EAN label	389-BKKL	-	1	-
EPEAT 2018 Registered (Silver)	379-BDTP	-	1	-
Latitude 3420 Bottom Door	321-BGKI	-	1	-
No AutoPilot	340-CKSZ	-	1	-
Dell Limited Hardware Warranty Extended Year(s)	975-3461	-	1	-
Dell Limited Hardware Warranty	997-6727	-	1	-
ProSupport Plus: Accidental Damage Service, 3 Years	997-6746	-	1	-
ProSupport Plus: Keep Your Hard Drive, 3 Years	997-6755	-	1	-
ProSupport Plus: Next Business Day Onsite, 1 Year	997-6762	-	1	-
ProSupport Plus: Next Business Day Onsite, 2 Year Extended	997-6764	-	1	-
ProSupport Plus: 7x24 Technical Support, 3 Years	997-6773	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit www.dell.com/contactdell or call 1-866-516-3115	997-8367	-	1	-

<b>Subtotal:</b>	<b>\$1,240.78</b>
<b>Shipping:</b>	<b>\$0.00</b>
<b>Environmental Fee:</b>	<b>\$0.00</b>
<b>Estimated Tax:</b>	<b>\$0.00</b>
<b>Total:</b>	<b>\$1,240.78</b>

## Important Notes

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### Terms of Sale

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**Governing Terms:** This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at [www.dell.com/terms](http://www.dell.com/terms) or [www.dell.com/oemterms](http://www.dell.com/oemterms)), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

**Supplier Software Licenses and Services Descriptions:** Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on [www.Dell.com/eula](http://www.Dell.com/eula). Descriptions and terms for Supplier-branded standard services are stated at [www.dell.com/servicecontracts/global](http://www.dell.com/servicecontracts/global) or for certain infrastructure products at [www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm](http://www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm).

**Offer-Specific, Third Party and Program Specific Terms:** Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on [www.dell.com/offeringspecificterms](http://www.dell.com/offeringspecificterms) ("Offer Specific Terms").

**In case of Resale only:** Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

**In case of Financing only:** If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.





# Est. Budget Quote

Date: 11/19/2021

Valid Date: 9/30/2022

Chief Tom Lynch & Officer Andressa Rosa  
Franklin Police Department  
911 Panther Way  
Franklin MA. 02038  
774-287-5644

[aros@franklinma.gov](mailto:aros@franklinma.gov)  
[tlynch@franklinma.gov](mailto:tlynch@franklinma.gov)

**Contract: GBPC**

Dave Brown

ITECH Salesman: Paul Leon  
508-314-8228

**GBPC/MAPC 2022**

Qty	Item #	Description	Unit Price	Line Total
2.00		2022 Ford Utility PI Gas Engine	\$ 36,799.00	\$ 73,598.00
2.00		Credit Hybrod Engine to Gas Engine	\$ (3,346.50)	\$ (6,693.00)
2.00		Agate Black	\$ -	\$ -
2.00		Pre-drilled head lamp housings	\$ -	\$ -
2.00		Heated Side Mirrors	\$ 58.20	\$ 116.40
2.00		Reverse Sensing	\$ 266.75	\$ 533.50
2.00		Sync Voice Activation	\$ -	\$ -
2.00		Aluminum Wheels	\$ 460.75	\$ 921.50
2.00		Dark Car Feature	\$ 24.25	\$ 48.50
2.00		Interior Group package	\$ 378.30	\$ 756.60
2.00		Head lamp flashers	\$ -	\$ -
2.00		Trailer Hitch	\$ -	\$ -
2.00		Trailer Hitch Harness	\$ -	\$ -
2.00		Ford Aux Lights	\$ 533.50	\$ 1,067.00
2.00		Pre-wire grille	\$ 48.50	\$ 97.00
				\$ -
2.00		<b>CMA VEHICLE PRICING</b>		<b>\$ 70,445.50</b>
				\$ -
		<b>ITS EQUIPMENT</b>		\$ -
				\$ -
2.00		Fleet key	\$ 195.00	\$ 390.00
2.00		Window vent shades	\$ 95.00	\$ 190.00
2.00		Tint front windows 35%	\$ 195.00	\$ 390.00
2.00		Auto Start	\$ 345.00	\$ 690.00
2.00		Install customer supplied 2-way radios	\$ 230.00	\$ 460.00

2.00		Federal Signal (8) lamp DUO ILS front wind shield B/W	\$ 1,095.00	\$ 2,190.00
2.00		Federal Signal (8) Lamp rear ILS DUO B/A/R	\$ 995.00	\$ 1,990.00
4.00		Federal Signal (4) MPS62U-BW rear 1/4 glass	\$ 365.00	\$ 1,460.00
4.00		Federal Signal (4) MPS62U-BW front grille	\$ 365.00	\$ 1,460.00
2.00		Tremco anti theft switch	\$ 200.00	\$ 400.00
2.00		Federal Signal ES100 siren speaker	\$ 240.00	\$ 480.00
2.00		Charge Guard	\$ 200.00	\$ 400.00
2.00		Truck Vault Magnum Single Draw Cabinet w/ Lift Kit	\$ 2,995.00	\$ 5,990.00
4.00		Federal Signal Led Dome Lights rear cargo	\$ 95.00	\$ 380.00
2.00		Shop Supplies	\$ 195.00	\$ 390.00
2.00		Federal Signal Pathfinder Hand Held #PF200H	\$ 1,250.00	\$ 2,500.00
2.00		Federal Signal Rumber Speakers & Bracket	\$ 620.00	\$ 1,240.00
2.00		Federal Signal (2) 416900 front corners B/W	\$ 235.00	\$ 470.00
4.00		Federal Signal (4) 416900 rear tails RW/RW/BW/BW	\$ 235.00	\$ 940.00
2.00		Federal Signal OBDCABLE-25	\$ 150.00	\$ 300.00
2.00		Federal Signal EXPANMOD-24	\$ 225.00	\$ 450.00
2.00				
2.00		ITS EQUIPMENT PRICING		\$ 23,160.00
				\$ -
2.00	NOTE	Add estimated 7% increase for 2023 model year		\$ 6,552.00

Subtotal

\$100,157.50

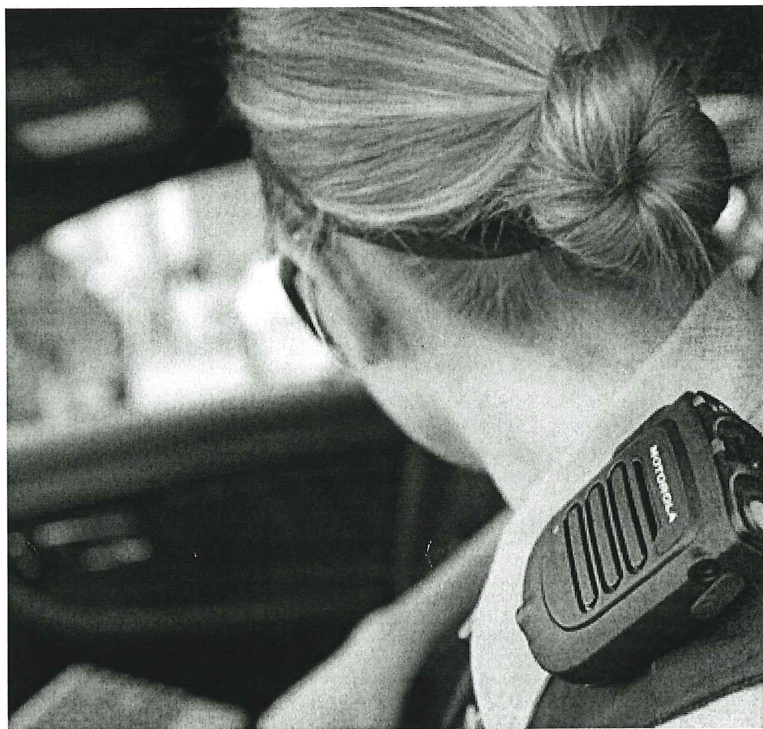
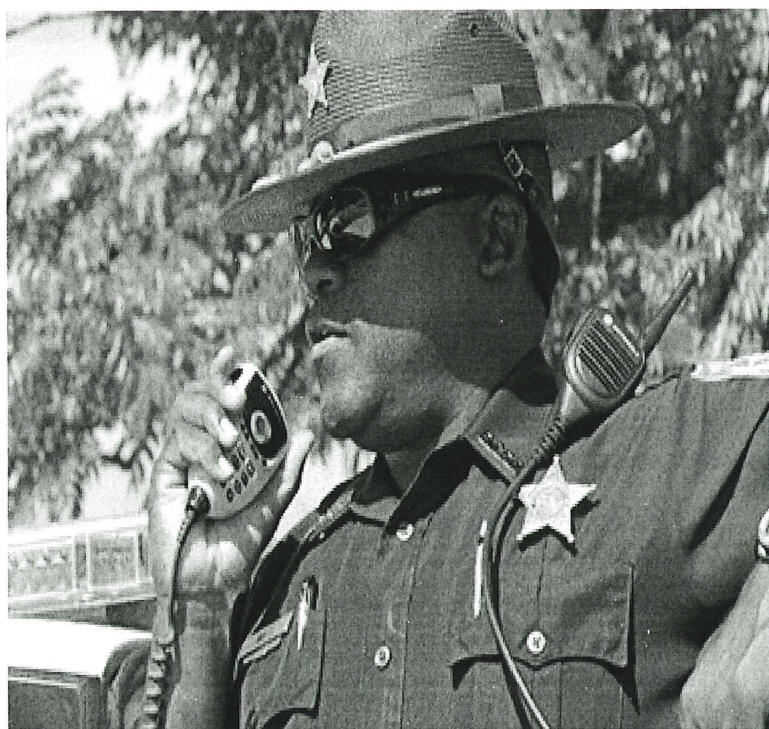
Sales Tax

\$ -

Grand Total

\$100,157.50





FRANKLIN POLICE DEPT

APX 6500 handheld head

11/29/2021



11/29/2021

FRANKLIN POLICE DEPT  
150 EMMONS ST  
FRANKLIN, MA 02038

RE: Motorola Quote for APX 6500 handheld head  
Dear Andressa Rosa,

Motorola Solutions is pleased to present FRANKLIN POLICE DEPT with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide FRANKLIN POLICE DEPT with the best products and services available in the communications industry. Please direct any questions to George Voorhees at [gvoorhees@cybercomminc.com](mailto:gvoorhees@cybercomminc.com).

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

George Voorhees

Motorola Solutions Manufacturer's Representative

Billing Address:  
FRANKLIN POLICE DEPT  
150 EMMONS ST  
FRANKLIN, MA 02038  
US

Quote Date:11/29/2021  
Expiration Date:01/01/2022  
Quote Created By:  
George Voorhees  
gvoorhees@cybercomminc.com

End Customer:  
FRANKLIN POLICE DEPT  
Andressa Rosa  
arosa@franklinma.gov

Contract: 22564 - ITT57 MA STATE

## Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at [www.motorolasolutions.com/product-terms](http://www.motorolasolutions.com/product-terms).

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 6500 / Enh Series	APX6500				
1	M25SSS9PW1AN	APX6500 UHF R2 MID POWER MOBILE	1	\$2,317.00	\$1,760.92	\$1,760.92
1a	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	1	\$66.00	\$50.16	\$50.16
1b	G90AC	ADD: NO MICROPHONE NEEDED APX	1	\$0.00	\$0.00	\$0.00
1c	G510AB	ADD:ANT LOW PROFILE 450-512 MHZ	1	\$55.00	\$41.80	\$41.80
1d	G72AD	ADD: APX O3 HANDHELD CH	1	\$1,041.00	\$791.16	\$791.16
1e	G67BB	ADD: REMOTE MOUNT O3 MID POWER	1	\$327.00	\$248.52	\$248.52
1f	G806BE	ADD: ASTRO DIGITAL CAI OPERATION	1	\$567.00	\$430.92	\$430.92
1g	GA00235AA	ADD: NO GPS ANTENNA NEEDED APX	1	\$0.00	\$0.00	\$0.00
1h	G444AE	ADD: APX CONTROL HEAD SOFTWARE	1	\$0.00	\$0.00	\$0.00



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, the Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.  
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1i	G48BD	ENH: CONVENTIONAL OPERATION APX6500	1	\$550.00	\$418.00	\$418.00
1j	W969BG	ADD: MULTIKEY OPERATION	1	\$363.00	\$275.88	\$275.88
1k	G193AK	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	1	\$0.00	\$0.00	\$0.00
1l	GA05100AA	ADD: STD WARRANTY - NO ESSENTIAL	1	\$0.00	\$0.00	\$0.00
Product Services						
2	LSV00Q00203A	DEVICE INSTALLATION	1	\$664.29	\$664.29	\$664.29

**Grand Total** **\$4,681.65(USD)**

**Notes:**

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.





## Purchase Order Checklist

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead  
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO )

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept

Ship To Contact Name & Phone #

Tax Exemption Status

Signatures (As required)



Edgenuity Inc.  
8860 E. Chaparral Road  
Suite 100  
Scottsdale AZ 85250  
877-725-4257

Price Quote for Services  
FRANKLIN PUBLIC SCHOOL DISTRICT  
Franklin MA  
Account Number 70595  
Quote Number 226043  
Total \$373,257.00  
Date 11/4/2021

5 year  
\$373,257

Illustrative Mathematics - K-5 district renewal

#### Payment Schedule

Net 30 days

Contract Start

7/1/2022

Contract End

6/30/2027

Qty	Description	Comment	End Date	Per Unit	Amount
<b>FRANKLIN PUBLIC SCHOOL DISTRICT</b>					
1510	LearnZillion Illustrative Mathematics Grade 1 Student Workbooks v1	302 per year	06/30/2027	\$25.00	\$37,750.00
1405	LearnZillion Illustrative Mathematics Grade 2 Student Workbooks v1	281 per year	06/30/2027	\$25.00	\$35,125.00
1675	LearnZillion Illustrative Mathematics Grade 3 Student Workbooks v1	335 per year	06/30/2027	\$25.00	\$41,875.00
1655	LearnZillion Illustrative Mathematics Grade 4 Student Workbooks v1	331 per year	06/30/2027	\$25.00	\$41,375.00
1735	LearnZillion Illustrative Mathematics Grade 5 Student Workbooks v1	347 per year	06/30/2027	\$25.00	\$43,375.00
1305	LearnZillion Illustrative Mathematics Grade K Student Workbooks v1	261 per year	06/30/2027	\$25.00	\$32,625.00
302	LearnZillion Illustrative Mathematics: Grade 1 SU		06/30/2027	\$76.00	\$22,952.00
281	LearnZillion Illustrative Mathematics: Grade 2 SU		06/30/2027	\$76.00	\$21,356.00
335	LearnZillion Illustrative Mathematics: Grade 3 SU		06/30/2027	\$76.00	\$25,460.00
331	LearnZillion Illustrative Mathematics: Grade 4 SU		06/30/2027	\$76.00	\$25,156.00
347	LearnZillion Illustrative Mathematics: Grade 5 SU		06/30/2027	\$76.00	\$26,372.00

Edgenuity will audit enrollment count throughout the year. If more enrollments are found to be in use than purchased, Edgenuity will invoice the customer for additional usage.

This quote is subject to the Terms and Conditions available at <https://learnzillion.com/wp-content/uploads/sites/2/2021/09/LZ-MSA.pdf>, may change without notice, and are incorporated by this reference. By signing this quote or by submitting a purchase order or form purchasing document, Customer explicitly agrees to these Terms and Conditions resulting in a legally binding agreement. To the fullest extent permitted under applicable law, all pricing information contained in this quote is confidential, and may not be shared with third parties without Edgenuity's written consent.

#### FRANKLIN PUBLIC SCHOOL DISTRICT

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

#### Edgenuity Inc. Representative

Greg Moore, M. Ed  
Account Executive  
774-238-0945  
[greg.moore@edgenuity.com](mailto:greg.moore@edgenuity.com)

Not valid unless accompanied by a purchase order. Please specify a shipping address if applicable. All order documentation can be submitted electronically at <https://edgenuity.formstack.com/forms/ar>. Alternatively you can e-mail this quote, the purchase order and order documentation to [AR@edgenuity.com](mailto:AR@edgenuity.com) or fax to 480-423-0213.



Edgenuity Inc.  
8860 E. Chaparral Road  
Suite 100  
Scottsdale AZ 85250  
877-725-4257

Price Quote for Services  
FRANKLIN PUBLIC SCHOOL DISTRICT  
Franklin MA  
Account Number 70595  
Quote Number 226043  
Total \$373,257.00  
Date 11/4/2021

Qty	Description	Comment	End Date	Per Unit	Amount
261	LearnZillion Illustrative Mathematics: Grade K SU Beta		06/30/2027	\$76.00	\$19,836.00
				<b>Subtotal</b>	\$373,257.00
				<b>Total</b>	\$373,257.00



**Quality Van Sales, Inc.**

2/2/2022

349 Old Colony Rd.

Norton, MA 02766

1-800-408-8550 or Fax 1-508-226-3702

**QUOTATION**

Quote #:

Prepared By: Angel Tapia

**Customer Information:**

Name: Franklin Town of-Franklin Public Schools

Address: 355 East Central Street

City/State: Franklin MA 02038.

Attn: Lisa

<b><u>Quantity:</u></b>	<b><u>Specifications:</u></b>
1	<b>2022 Ford Transit 350 MR X2C - Oxford White:</b> RWD, 3.5L PFDI V-6 Gas Engine, 148" Wheelbase, Black Bumpers & Grille, Power Accessories Group, Vinyl Bucket Seats, Tilt Steering, Air Bags, Automatic Transmission, Windows all Around, Electric Am-Fm Stereo Radio, Backup Alarm, Backup Camera, Dual Batteries, Front & Rear AC/Heat. <b>BUILDERS PREP</b>
*	<b>Flooring</b>
1	3/4"Steel Reinforced Plywood
1	Gray Altro Rubber
*	<b>Interior Finish</b>
1	Deluxe OEM Headliner & Walls
*	<b>Seating</b>
2	Freedman Single ICS Rigid Seat with Floor Tiles
3	Freedman Double ICS Rigid Seat with Floor Tiles
*	<b>Safety Equipment</b>
1	Child Check-Mate System
1	Fire Ext. w/ Hose - 2A10BC Rating - Mounted in Van - 7D Requirement
1	Safety Triangles
1	First Aid Kit
1	Bloodborne Pathogen Protection Kit - Complete
2	Chock Block (Each)
1	Seat Belt Cutter
1	Emergency Exit Hammer
1	Door Ajar Warning Light
1	Front and Rear Red Flasing LED 7D Lighting w/ School Bus Decals - QVS
1	School Bus Arm
*	<b>Misc</b>
1	Front Drivers Door Assist Step Installed
1	Full Passenger Side Assist Step
1	Vertical Stanchion Pole
1	Lettering
1	Destination & Delivery

Shop Approval: \_\_\_\_\_

Quality Van Sales, Inc.

Production Order

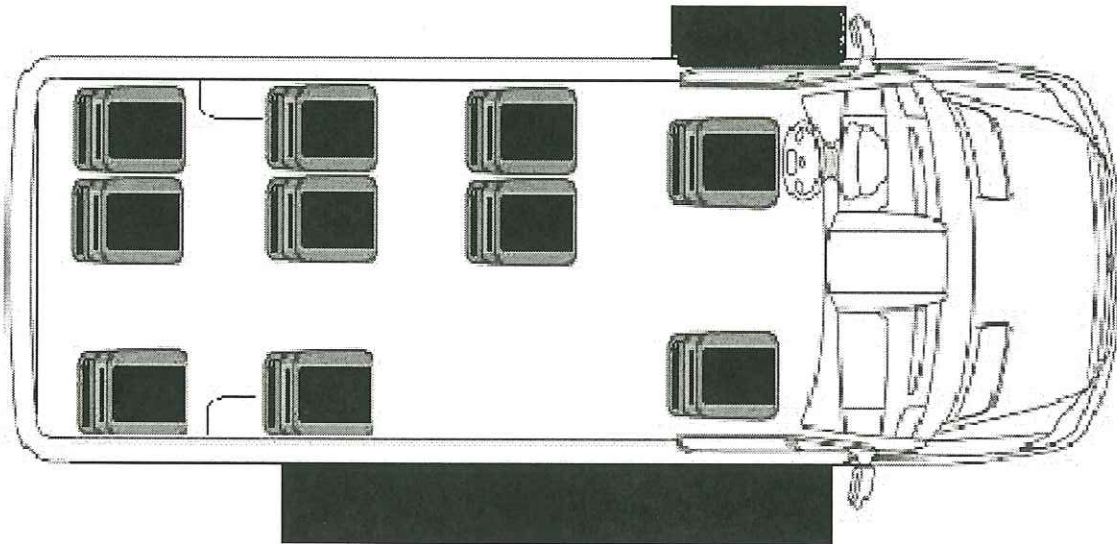
Customer: Franklin Town of Franklin Public Schools

Chassis: 2022 Ford Transit

Quote By: Angel Tapia

Stock #: Quote

Vin# \_\_\_\_\_



### CONVERSION EQUIPMENT

#### Flooring

3/4"Steel Reinforced Plywood

Gray Altro Rubber

#### Interior Finish

Deluxe OEM Headliner & Walls

#### Seating

Freedman Single ICS Rigid Seat with Floor Tiles

Freedman Double ICS Rigid Seat with Floor Tiles

#### Safety Equipment

Child Check-Mate System

Fire Ext. w/ Hose - 2A10BC Rating - Mounted in Van - 7D Requirement

Safety Triangles

First Aid Kit

Bloodborne Pathogen Protection Kit - Complete

Chock Block (Each)

Seat Belt Cutter

Emergency Exit Hammer

Door Ajar Warning Light

Front and Rear Red Flasing LED 7D Lighting w/ School Bus Decals - QVS

School Bus Arm

#### Misc

Front Drivers Door Assist Step Installed

Full Passenger Side Assist Step

Vertical Stanchion Pole

Lettering

Destination & Delivery

**\*\* Diagram Not To Scale, Intended For Basic Representation of Layout Within Vehicle Specifications, Layouts & Availability of Components Subject To Change**

Built by: \_\_\_\_\_

Bay: \_\_\_\_\_

\_\_\_\_\_ Customer Initials

\_\_\_\_\_ Date Signed

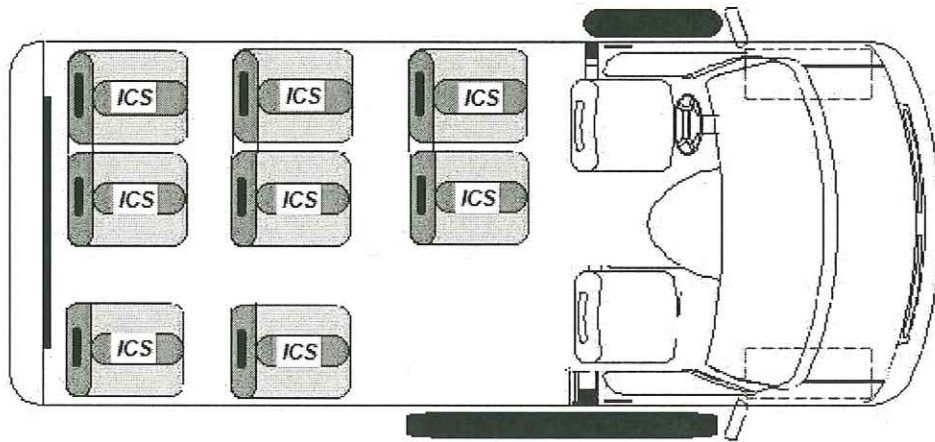








***7D Van W/8 ICS Seats***



**NATIONAL VAN BUILDERS, INC.  
LIMITED WARRANTY ON CONVERSION**

NATIONAL VAN BUILDERS, INC. (hereinafter "NATIONAL") provides a Limited Warranty that the conversion (excluding chassis) will be free of substantial defects in materials and workmanship which arise during the course of normal use and service. This is and shall be the only warranty given by NATIONAL hereunder or in connection with the sale.

NATIONAL'S Limited Warranty, in effect as of the date of the Bill of Sale, guarantees its labor and parts used in the conversion process for three years/36,000 miles, but not less than one year. NATIONAL makes no representation, express or implied as to the merchantability or fitness of the chassis. This Limited Warranty specifically excludes damages and malfunctions resulting from the misuse of the vehicle, or from installation of parts / equipment not performed by NATIONAL. Additionally, NATIONAL assumes no responsibility for vehicle downtime or any loss of revenue whatsoever.

**Customer must receive authorization from NATIONAL in writing prior to any and all repairs, replacement parts, or labor to be performed by a vendor other than NATIONAL VAN BUILDERS.** NATIONAL will reimburse customer for repair labor at the Service Center's stated labor rate *if authorized in advance*. Customer will be invoiced for all warranty parts, and will be credited when damaged parts are returned to NATIONAL. *If authorization is not received prior to work being done, warranty coverage may be denied at NATIONAL'S discretion.*

NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. NATIONAL'S OBLIGATION IS TO REPAIR OR REPLACE CONVERSIONS, IN WHOLE OR IN PART, IN ACCORDANCE WITH ITS LIMITED WARRANTY.

Warranties provided by other Manufacturers:

- Standard Ford Warranty on Chassis  
See Ford Owner's Manual – 3 Year/36,000 Miles  
National makes no representation to customer other than what is stated in the Ford Owner's Manual
- Braun Five Year Limited Warranty on NCL919-2 Automatic Wheelchair Lift  
See Braun Owner's/Service Manual  
National makes no representation to customer other than what is stated on the Braun Owner's/Service Manual
- Ricon Corporation Five Year Limited Warranty on S-Series or K-Series Automatic Wheelchair Lift  
See Ricon Service/Owner Manual  
National makes no representation to customer other than what is stated on the Ricon Service/Owner Manual
- Twin Air A/C Heating systems – 3 year / 36000 miles limited warranty  
National makes no representation to customer other than what is stated in the Twin Air warranty document.



100 Bowles Road  
Agawam, MA 01001  
Phone: (413) 304-4100

484 Avenue D  
Williston, VT 05495  
Phone: (802) 865-1700

618 Route 3A  
Bow, NH 03304  
Phone: (603) 228-9460

116 Railroad Avenue  
Colonia, NY 12205  
Phone: (518) 801-1833

17 Pearce Avenue  
Tonawanda, NY 14150  
Phone: (716) 995-7822

# Quote

11/18/2021

A Certified Woman Owned Business Enterprise (WBE)

[www.kittredgeequipment.com](http://www.kittredgeequipment.com)



**Project:**

Franklin Remington School Walk-  
in Budget

**From:**

Kittredge Equipment Company  
Tony Ruggiero  
100 Bowles Rd.  
Agawam, MA 01001-  
413-304-4100  
(800)423-7082 555 (Contact)

Thank you for the opportunity. Below is the quote you requested.

Item	Qty	Description	Sell	Sell Total
1	1 ea	<b>WALK-IN COOLER FREEZER</b> Bally Refrigerated Boxes Model No. CUSTOM Custom Walk-in Cooler Freezer Bally Prefabricated Exterior Dimensions: 18'-3½" Length x 10'-7½" Width x 8'-6" Height Indoor Structure With Floor  Vertical and Ceiling Panels: Embossed Galvalume (26 GA) Base Finish: Comments: Details and specifications for Quote No: 9111821-1-0-SMC Interior Verticals - Embossed White (190 Series) Interior Floor - Aluminum Smooth (10 GA .100" Thick) Interior Ceiling - Embossed White (190 Series) Exterior Floor - Embossed White (190 Series) Exterior Ceiling - Embossed White (190 Series) Special Finishes:  4" Exterior Vertical Used (7'-10") with 4" Partition, 4" Floor, 4" Ceiling Panel Thickness: Ceiling: Single Span NSF APPROVED 2 Compartments. Accessories and Extras: 1 Bally Standard Pressure Relief Port (< 400 sq/ft) 209 S/F 1/2" OSB Board Foamed in Panel * Structural 209 S/F 1/8" Aluminum Diamond Tread (Overlay)	\$42,710.34	\$42,710.34

Item	Qty	Description	Sell	Sell Total
		Refrigeration:		
		2 Wind Guard 0.5 - 3 HP		
		1 BQZA-007-H8-HT3DD 208-230/3/60		
		Includes: Heated and Insulated Receiver & SS Line.		
		1 BQZA-020-L8-HT3DD 208-230/3/60		
		Includes: Heated and Insulated Receiver & SS Line.		
		1 BLP209MA-S2D-SV+ 208-230/1/60		
		SmartVap+ Air Defrost with EEV Installed		
		1 BLP209LE-S2D SV+ 208-230/1/60		
		SmartVap+ Electric Defrost with EEV Installed		
		Doors/Openings:		
		2 36" x 78" Hinged Door In a 46" x 94" Panel		
		Doors accessories:		
		2 Super Door 36" Wide and Under, 36" High		
		1/8" D.T. Kickplate Int. & Ext.		
		2 Door Window (14 x 14) Norfab - 4" Door		
		5 Year compressor warranty		
		Strip Curtain		
		Alarm		
		2 additional lights		
		<b>ITEM TOTAL:</b>		<b>\$42,710.34</b>
2	1 ea	<b>REFRIGERATION</b>	\$12,650.00	\$12,650.00
		Kittredge - Services Model No. REFRIGERATION		
		We will Install refrigeration equipment.		
		We will hang both freezer coil and cooler coil complete drains and run new lines to outside condensing units. Pressure test and evacuation and start up on completion of electrical done by others		
		<b>ITEM TOTAL:</b>		<b>\$12,650.00</b>
3	1 ea	<b>LABOR</b>	\$9,545.00	\$9,545.00
		Kittredge - Services Model No. LABOR		
		(1) remove quarry tile and scrape floors		
		(2) remove both cooler and freezer boxes and remove from site		
		(3) Bring in and set leveling sand		
		<b>ITEM TOTAL:</b>		<b>\$9,545.00</b>



Item	Qty	Description	Sell	Sell Total
4	1 ea	<b>WHITE GLOVE SERVICE</b> Kittredge - Services Model No. CUSTOM Kittredge Equipment trained installers to deliver and build walk-in cooler freezer. Unit will be fully assembled left ready for final connections. All trash and crating to be removed and space left broom swept clean.  Price includes prevailing wage rates	\$3,200.00	\$3,200.00
			<b>ITEM TOTAL:</b>	<b>\$3,200.00</b>
5	1 ea	<b>ELECTRICAL</b> ERWIN ELECTRICAL SERVICES Model No. ELECTRICAL wiring for 2 condensers, 2 sets of fans, 2 additional light fixtures, 1 outlet for condensate drain heat, and 2 alarms installed. All light fixtures and alarms provided by Kittredge.	\$12,765.00	\$12,765.00
			<b>ITEM TOTAL:</b>	<b>\$12,765.00</b>
			Subtotal	\$80,870.34
			Total	\$80,870.34

Thank you for the opportunity to quote on the enclosed items. If there is anything else we can do to help please call immediately.

Massachusetts State Contract: all pricing is in accordance with the terms and conditions of the Massachusetts State Contract #GRO35 for foodservice equipment and supplies.

Pricing: includes delivery, uncrating, and setting in place at Massachusetts prevailing wage rates in a location to be determined at time of quote.

Disposal: removal and disposal of existing equipment is not included and is the responsibility of the customer, UNLESS it is specified as a line item on the above quotation.

Warranty: quoted equipment carries only the individual manufacturers standard warranty unless specifically stated otherwise. Extended warranties may be available at additional cost.

Payment terms: payment is due at time of delivery unless credit account has been previously established by Kittredge Equipment Company.

Pricing good for: 30 days

Respectfully Submitted,



Tony Ruggiero  
Sales Consultant  
Kittredge Equipment Co  
Vendor Code: 6000159419  
State Contract #GRO35  
800-423-7082 x555  
413-786-7086 fax

Acceptance: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Project Grand Total: \$80,870.34



Company Address 10 Manor Parkway, Unit B  
Salem, NH 03079  
US

Created Date 11/10/2021  
Expiration Date 2/28/2022  
Quote Number 00000123

#### Contact Information

Prepared By	Brenda Merritt-L'Italien	Customer Name	Franklin
Title	Director of Business Development	Contact Name	Nancy Danello
Phone	(978) 651-2511		
Email	bcm@lhsassociates.com		

#### Address Information

Bill To Name	Franklin	Ship To Name	Franklin
Bill To	355 East Central Street Franklin, MA 02038	Ship To	355 East Central Street Franklin, MA 02038

Product Code	Product	Product Description	Sales Price	Quantity	Total Price
DVS-100	ImageCast Precinct Bundle ( 1 Year Warranty)	Includes ICP Unit, ICP Ballot Box, ICP Carry Case, and 1-Year Hardware Warranty	\$5,700.00	1.00	\$5,700.00

Subtotal \$5,700.00

Total Price \$5,700.00

#### Signature

By signing below, you are acknowledging that the above pricing is accurate and within budget, and that you are ready to move forward with the official purchase and contract initiation:

Customer Signature: \_\_\_\_\_

Printed Name & Title: \_\_\_\_\_

Date: \_\_\_\_\_

Anticipated First Use Date: \_\_\_\_\_



Company Address 10 Manor Parkway, Unit B  
Salem, NH 03079  
US

Created Date 12/30/2021  
Expiration Date 3/31/2022  
Quote Number 00000171

#### Contact Information

Prepared By Brenda Merritt-L'Italien  
Title Director of Business Development  
Phone (978) 651-2511  
Email bcm@lhsassociates.com

Customer Name Franklin  
Contact Name Nancy Danello

#### Address Information

Bill To Name Franklin  
Bill To 355 East Central Street  
Franklin, MA 02038

Ship To Name Franklin  
Ship To 355 East Central Street  
Franklin, MA 02038

Product Code	Product	Product Description	Sales Price	Quantity	Total Price
PP-011	Full Connectivity Fee (Per Additional Poll Pad)	Includes: MDM Enrollment and Year 1 Software and Application Warranty	\$50.00	3.00	\$150.00
PP-001	Poll Pad Bundle	Includes: iPad WiFi 32gb (MP2F2LL/A), 10-Foot Charger, Transport Case, Stand, Stylus, 1st Year Software License, MDM Enrollment, and Basic Poll Pad Manager	\$1,225.00	3.00	\$3,675.00
PP-004	Poll Pad Star Micronics Receipt Printer	TSP65411	\$300.00	3.00	\$900.00

Subtotal \$4,725.00

Total Price \$4,725.00

#### Signature

By signing below, you are acknowledging that the above pricing is accurate and within budget, and that you are ready to move forward with the official purchase and contract initiation:

Customer Signature: \_\_\_\_\_

Printed Name & Title: \_\_\_\_\_

Date: \_\_\_\_\_

Anticipated First Use Date: \_\_\_\_\_