

Town of Braintree
Department of Public Works
Capital Budget – Stormwater
Fiscal Years 2022-2026

James Arsenault, PE
Director of Public Works

Town of Braintree
Department of Public Works
Schedule H-1 Summary of Capital Budget Request - Stormwater
Fiscal Years 2022-2026

Rank	Reference	Project / Item	Type	New/ Replacement	Age of Replacement	Total Dollars	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	SW1	DPW Building	Construction/Renovation	Replacement	70	1,950,000	100,000	1,000,000	850,000	-	-
2	SW2	Wet weather outfall inspection		N/A		132,600	132,600	-	-	-	-
3	SW3	SUMS Billing Software	Capital Equipment	Replacement	5+	30,000	30,000	-	-	-	-
4	SW4	Pick Up Truck 4x4 w/Plow	Capital Equipment	New	N/A	60,000	60,000	-	-	-	-
5	SW5	F550 Style C/B Cleaner	Capital Equipment	Replacement	20+	210,000	210,000	-	-	-	-
6	SW6	Drainage CCTV and Repair	Construction/Renovation	N/A		800,000	200,000	200,000	150,000	150,000	100,000
7	SW7	Vactor (1 new, 1 rep)	Capital Equipment	Replacement	20+	500,000	-	-	-	500,000	-
8	SW8	Lg 6 Wheel Dump w C/B Cleaner	Capital Equipment	Replacement	20+	310,400	-	310,400	-	-	-
9	SW9	Catch Basin Debris Removal		N/A		40,000	-	-	-	40,000	-
10	SW10	Street Sweeper (1 new, 1 rep)	Capital Equipment	Replacement	15+	260,000	-	-	260,000	-	-
11	SW11	Skidsteer	Capital Equipment	Replacement	15+	90,000	-	-	90,000	-	-
12	SW12	Dump Truck 5-7 ton with plow and	Capital Equipment	Replacement	15+	160,000	-	-	160,000	-	-
Totals						4,543,000	732,600	1,510,400	1,510,000	690,000	100,000

**Town of Braintree
 Department of Public Works: Stormwater
 Capital Improvement Project Request Form
 Schedule G-2 Construction/Renovation
 Fiscal Year 2022-Reference SW1**

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: DPW Building
- 8. Costs: \$1,950,000

9. Expenditure Schedule:

FY22	\$100,000
FY23	\$1,000,000
FY24	\$850,000
FY25	\$0
FY26	\$0

10. Planning & Design: \$100,000

11. Site Improvement & Utilities:

FY22	\$0
FY23	\$0
FY24	\$0
FY25	\$0
FY26	\$0

12. Construction/renovation: \$1,850,000

13. Other (Specify):

14. Cost Totals: \$1,950,000

15. Available Aid or Grant (specify):

16. Description and Justification:

The size of a DPW facility is generally driven by the size of the work force and amount of vehicles and equipment used. The Town’s infrastructure typically dictates the size of the work force, number of divisions, and the amount of equipment needed by a DPW.
 For comparison purposes, all cost information provided is based on engineering estimates which are structured to provide the “average bid” price. The “Total Project Cost” represents building construction costs, site construction costs, architectural / engineering fees, contingencies, inflation, and owner’s soft costs (owner’s project manager, clerk of the works, communication system, furnishings, printing of documents, etc.).

Weston 56,900 Sq ft = \$17,800,000
 Danvers 58,800 Sq ft = \$19,800,000

Estimates are from other DPW building projects and as noted for our square footage (57,000). Our estimated total project cost is \$19,400,000 and is split between the general fund and enterprise funds.

17. Submitted by: Hillary Waite
 Stormwater Manager

18. Priority: 1

DPW Building Costs and Funding

DPW divisions that will use the building

Building maintenace	Recreation
Cemetery	Soild Waste
Engineering	Stormwater
Grounds	Vehicle maintenance
Highway	Water and sewer
Parks	

<u>Cost Estimates</u>	<u>Squarefootage</u>	<u>Cost/ SF</u>	<u>Year</u>	<u>Cost</u>	<u>Desc</u>
Town of Braintree Estimate (GF)	57,000	146	1997	\$8,347,020	Inc. Design/ Insp
Town of Braintree Estimate	57,000	196	2005	\$11,200,000	Inc. Design/ Insp
Town of Braintree Estimate (ME)	53,000	500	2022	\$33,000,000	Inc. Design/ Insp
Andover Municipal Services facility	54,088	402	2017	(esc to 2020)	Inc. Design/ Insp
Bourne Public Works Facility	39,040	410	2014	(esc to 2020)	Inc. Design/ Insp
Boylston Public Works Facility	13,926	392	2015	(esc to 2020)	Inc. Design/ Insp
Duxbury Public Works Facility	38,189	390	2019	(esc to 2020)	Inc. Design/ Insp
Grafton Public Works facility	33,710	402	2018	(esc to 2020)	Inc. Design/ Insp
Hopkinton Public Wroks facility	42,410	380	2016	(esc to 2020)	Inc. Design/ Insp
Longmeadow Public Works facility	44,858	360	2018	(esc to 2020)	Inc. Design/ Insp
Medford Publci Works Facility	45,000	397	2014	(esc to 2020)	Inc. Design/ Insp
Norwood Public Works Facility	53,870	415	2014	(esc to 2020)	Inc. Design/ Insp
Orleans Public Works facility	42,278	359	2017	(esc to 2020)	Inc. Design/ Insp
Wayland Public Works Facility	39,869	382	2014	(esc to 2020)	Inc. Design/ Insp

Funding Resources

	<u>Cost of Loan</u>
	at 2.5%/ 30 Year
General Fund	\$14,500,000 \$380,000
Stormwater Untility	\$2,000,000 \$95,000
Water & Sewer Utility	\$20,500,000 \$475,000

**Town of Braintree
 Department of Public Works: Stormwater
 Capital Improvement Project Request Form
 Schedule G-2 Construction/Renovation
 Fiscal Year 2022-Reference SW2**

1. Department:	DPW
2. Sub-Department:	Stormwater
3. Date:	1/10/2022
4. Contact Person:	Hillary Waite
5. Contact Title:	Stormwater Manager
6. Phone:	781-794-8945
7. Project Name:	Wet Weather Outfall Inspections
8. Costs:	\$132,600
9. Expenditure Schedule:	
	FY22 \$132,600
	FY23 \$0
	FY24 \$0
	FY25 \$0
	FY26 \$0
10. Planning & Design:	\$0
11. Site Improvement & Utilities:	
	FY22 \$0
	FY23 \$0
	FY24 \$0
	FY25 \$0
	FY26 \$0
12. Construction/renovation:	\$0
13. Other (Specify):	\$ 132,600.00
14. Cost Totals:	\$132,600
15. Available Aid or Grant (specify):	

16. Description and Justification: The stormwater system is a critical component of the Town’s utility assets. When working properly this system typically goes unnoticed and performs exceptionally well at keeping the Town’s roadways free from ponding even in the highest intensity of precipitation events. However, due to the age of the system and prior construction practices, wastewater from the sanitary sewer has the potential to enter the stormwater drainage system and convey contaminated water to local rivers, lakes, and streams. This project includes wet weather screening of all drainage outfalls owned by the Town (345 outfalls) and laboratory screening of the discharge from those outfalls. We are required to test for fecal coliform, E.coli, and enterococcus, analytes which indicate the presence of sewage in stormwater. The Town is required to conduct outfall screenings once every 5 years by US EPA and MassDEP, in order to ensure there is no intrusion of sewer flows into the stormwater drainage system. When screening indicates potential sewage contamination, the Town will investigate the system further upstream to locate and eliminate the improper discharge.

17. Submitted by: Hillary Waite
 Stormwater Manager

18. Priority: 2

GENERAL CHEMISTRY

Acidity	\$17.00
Alkalinity 310.2	\$17.00
Alkalinity 2320B	\$25.00
Asbestos	\$250.00
Biological Oxygen Demand	\$25.00
Biological Oxygen Demand, Carbonaceous	\$30.00
Biological Oxygen Demand, Soluble	\$30.00
Bromate	\$160.00
Bromide	\$40.00
Bromine	\$175.00
Carbon Dioxide	\$17.00
Carbon, Dissolved Organic (DOC)	\$70.00
Carbon, Total Organic (TOC)	\$50.00
Carbonate	\$17.00
Chemical Oxygen Demand	\$25.00
Chloride	\$17.00
Chlorine, Free	\$20.00
Chlorine, Total Residual	\$20.00
Chromium, Hexavalent	\$90.00
Color	\$17.00
Conductivity	\$17.00
Cyanide	\$40.00
Fluoride IC (4110B)	\$17.00
Fluoride Electrode (4500)	\$25.00
Hardness	\$17.00
Inorganic Compounds	\$220.00
Langlier Index	\$15.00
Nitrogen, Ammonia	\$18.00
Nitrogen, Kjeldahl	\$30.00
Nitrogen, Nitrate	\$16.00
Nitrogen, Nitrite	\$16.00
Nitrogen, Total	\$16.00
Odor	\$18.00
Oil & Grease (Method 1664)	\$70.00
Oil & Grease (Method 1664 with Silica)	\$75.00
Oxygen , Dissolved	\$20.00
Perchlorate	\$150.00
pH	\$16.00
Phosphorus, Ortho	\$18.00
Phosphorus, Total	\$25.00
Potability	\$160.00
Secondary Contaminants	\$130.00
Solids, Dissolved	\$20.00

Analytical Balance .

Price List 2022

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GENERAL CHEMISTRY (Continued)

Solids, Percent	\$20.00
Solids, Settleable	\$20.00
Solids, Suspended	\$20.00
Solids, Total	\$20.00
Solids, Volatile	\$25.00
Specific Conductivity	\$16.00
Specific Gravity	\$20.00
Sulfate	\$16.00
Sulfide	\$22.00
Surfactants (MBAS)	\$50.00
SUVA	\$20.00
Tannic Acid	\$20.00
Title V (Coli, NH3, NO3)	\$60.00
Title V with VOC	\$190.00
Turbidity	\$16.00
UV254	\$40.00

ORGANICS

Acid/Base Neutrals	\$500.00
Dibromochloropropane (DBCP)	\$85.00
Diquat	\$200.00
Ethylene Dibromide (EDB)	\$85.00
Extractable Petroleum Hydrocarbons	\$200.00
Extractable Petroleum Hydrocarbons	\$300.00
Fluridone	\$300.00
Glycols	\$200.00
Haloacetic Acids	\$210.00
Herbicides	\$225.00
Hexachlorobenzene	\$300.00
PAH	\$150.00
PAH Low Level	\$200.00
PCBs	\$150.00
Pesticides	\$150.00
Phenols	\$50.00
Synthetic Organic Compounds	\$1,000.00
Total Petroleum Hydrocarbons	\$80.00
Total Petroleum Hydrocarbons	\$150.00
Volatile Organic Compounds	\$130.00
Volatile Organic Compounds 624.1	\$160.00
VOC-Tentatively Identified Compounds	\$40.00
VOC-Tetrachloroethylene (PCE or TCE)	\$65.00
VOC-Trihalomethanes (THM)	\$65.00
Volatile Petroleum Hydrocarbons	\$125.00
Volatile Petroleum Hydrocarbons	\$125.00

RADIOACTIVITY

Gross Alpha	\$150.00
Gross Alpha and Beta	\$150.00
Radium 226	\$85.00
Radium 228	\$125.00

Radon	\$100.00
Uranium	\$120.00

Analytical Balance.

Price List 2022

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METALS

Aluminum	\$17.00
Antimony	\$17.00
Arsenic	\$17.00
Arsenic III	\$34.00
Arsenic V	\$34.00
Barium	\$17.00
Beryllium	\$17.00
Bismuth	\$17.00
Boron	\$120.00
Cadmium	\$17.00
Calcium	\$17.00
Cesium	\$20.00
Chromium	\$17.00
Cobalt	\$17.00
Copper	\$17.00
Iron	\$17.00
Iron, Ferric	\$17.00
Iron, Ferrous	\$17.00
Lead	\$17.00
Lithium	\$20.00
Magnesium	\$17.00
Manganese	\$17.00
Mercury	\$40.00
Molybdenum	\$17.00
Nickel	\$17.00
Potassium	\$17.00
Selenium	\$17.00
Silicon (as Silica)	\$17.00
Silver	\$17.00
Sodium	\$17.00
Strontium	\$120.00
Tantalum	\$20.00
Titanium	\$17.00
Thallium	\$17.00
Tin	\$120.00
Vanadium	\$120.00
Zinc	\$17.00
ICP Scan (29 metals)	\$400.00
13 Priority Pollutant Metals	\$180.00
RCRA 8 Metals	\$150.00
Lab Filtration for Dissolved	\$15.00
Sample Digestion / Preparation	\$15.00
TCLP Extraction	\$75.00

NOTE: Samples will be digested or prepped for analysis if turbidity is visible in the sample (e.g., the sample is cloudy or if required by the method). Town waters will be digested if the turbidity is >1 NTU. A digestion or preparation charge will apply.

Analytical Balance .

Price List 2022

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BACTERIOLOGY/MICROBIOLOGY

Coliform, Total	\$30.00
Coliform, Total MF	\$35.00
Coliform, Fecal	\$35.00
E. coli	\$40.00
Enterococci	\$40.00
Fecal Streptococci	\$40.00
Heterotrophic Plate Count (HPC)	\$30.00
Heterotrophic Plate Count Swab	\$30.00
Iron Bacteria	\$75.00
New Mains	\$45.00
PWS Non-Routine (Coliform & HPC)	\$45.00
Pseudomonas	\$25.00
Sulfur Bacteria	\$40.00

NOTE: If total coliform bacteria are present in drinking water, analysis for *E. coli* will be performed at no additional cost.

OTHER FEES

Residential Sample Collection	\$65.00
Monitoring Well Sample Collection	\$75.00/hour

Small Public Water Supply Sampling	\$40.00
Residential Bottle Mailing	\$10.00
Custom Reporting	\$20.00
Hard Copy Fee	\$25.00
Smart Reporting	\$20.00

NOTES

These prices are for water, drinking water and wastewater analysis. Prices for soils, sediments, sludges, etc. can be provided upon request.

All payment is due at time of sample receipt, unless prior arrangements have been made. All payment is cash or check only. Credit cards are not accepted.

Samples may be submitted to the laboratory: Monday thru Friday 8:00am – 4:30pm. Any samples received after 4:30 p.m. are considered received on the next business day. Certain analytes above have a prescribed holding time to analysis. Please call the Laboratory to discuss your needs.

Standard turnaround time for all analyses is 2 weeks. Results delivered via email. Rush turnarounds may be available at an additional cost. Please contact us to discuss your needs.

Sampling services are available on a project by project basis. Contact the laboratory to arrange. Analytical Balance provides appropriate sample containers for you to take your own sample. You may then bring the sample in or send it to us via the postal or other service

Volume discounts are always available. We would be happy to discuss your project requirements.

Prices are subject to change without notice.



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January 06, 2022

Hillary Waite
Stormwater Manager
Town of Braintree - Department of Public Works
85 Quincy Avenue
Braintree, MA 02184

**Re: Proposal for MS4 Compliance Assistance
Braintree, Massachusetts**

Dear Hillary:

I am pleased to submit this Proposal to the Town of Braintree for tasks associated with Municipal Separate Storm Sewer System (MS4) compliance work in Braintree, Massachusetts. This Proposal is based on correspondence between you and Garrett Bergey of SDE and his understanding of the work.

Scope of Services

The proposed Scope of Services is as follows:

Task 1: System Vulnerability Factors Inventory

SDE will use data provided by others as well as field investigations as may be necessary to identify and record System Vulnerability Factors (SVFs) as described in Section 2.3.4.8(c)(i) of the 2016 Massachusetts Small MS4 General Permit (MS4 Permit). It is assumed that this inventory will be predominantly a desktop analysis with up to one day of field work to ground truth data provided by others. For field investigations, SDE will provide the necessary personnel and the appurtenant equipment as is customary in conducting manhole inspections. It is assumed that at least one (virtual) meeting will be held to discuss available data sources for the SVF inventory. Deliverables for this Task will be in a mutually agreed upon format. This Task will be completed by February 18, 2022.

Task 2: Catchment Investigation Schedule

Based on the findings from Task 1 (System Vulnerability Factors Inventory), SDE will propose a schedule for completing catchment investigations including wet weather screening at outfalls and interconnections as well as key junction manhole inspections. Deliverables for this Task will be in a mutually agreed upon format. This Task will be completed by February 25, 2022.

Task 3: Wet Weather Outfall Screening

SDE will provide the necessary personnel and the appurtenant equipment as is customary in performing wet weather outfall screening and sampling. It is assumed that approximately 345 outfalls will be screened during wet weather. Outfall screening and sampling will follow the guidance of the Town's IDDE Program Manual for visual and olfactory indicators and will only be conducted in catchments with one or more System Vulnerability Factors. SDE will complete



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standard EPA outfall inspection forms for bacteria indicator (E. Coli in freshwater and enterococcus in salt or brackish water), ammonia, surfactants, chlorine and other required parameters (including pollutants of concern). Deliverables will be in a mutually agreed upon format and will include PDF outfall screening reports as well as Excel tables containing data used to generate the reports.

Schedule for this Task will be outlined during Task 2 and will be based on input from the Town, but it should be noted that outfall screening may be spread out over several years. Wet weather outfall screening may be completed after the key junction manhole inspection portion of the catchment investigation is completed.

Task 4: Budget Estimate for Additional Catchment Investigations

SDE will use information obtained while conducting Task 1 - Task 3 as well as input from the Town to develop an approximate budget for the completion of the catchment investigations including key junction manhole inspections and follow up investigations to verify sources of contamination. An estimated budget for dye testing to confirm sources of contamination will be included and will be based on standard assumptions. It is assumed that at least two (virtual) meetings will be held to discuss the status of the IDDE program and to review options for completing the catchment investigations. The budget will be an estimate and may change as additional information is obtained.



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Cost

SDE offers the above Scope of Services in accordance with the following rate schedule:

Rate Schedule				
Description	Qty	Unit	Rate	Total
Task 1: System Vulnerability Factors Inventory				
	25	Hour	\$ 135	
	1	Day	\$1,650	\$ 5,025
Task 2: Catchment Investigation Schedule				
	20	Hour	\$ 135	\$ 2,700
Task 3: Wet Weather Outfall Screening				
	49	Day	\$ 1,650	\$ 80,850
Task 4: Budget Estimate for Additional Catchment Investigations				
	15	Hour	\$ 135	\$ 2,025
Total Value				\$ 90,600

The Day Rate is for a two-person field crew and is based on an 8-hour day. Partial days will be billed as such and not rounded up to either a half day or full day. The Day Rate includes travel to/from SDE's office and the work site as well as time worked on the project in the office and is also inclusive of expenses with the exception of any job-specific direct expense. Note that the cost of any police details and services of others (eg. laboratory analyses) are not included in the rate.



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Schedule

We are prepared to begin work immediately upon receipt of an executed subcontract agreement. We recognize that timely performance of these services is an important element of this project and will put forth our best effort, consistent with accepted professional practice, to complete the work within the designated schedule. We are not responsible for delays in schedule caused by circumstances beyond our control, including weather, or circumstances that could not have reasonably been anticipated or prevented.

I look forward to the opportunity to work with you on this project.

Very truly yours,

STACEY DEPASQUALE ENGINEERING, INC.

A handwritten signature in black ink that reads 'Stacey A. DePasquale'.

Stacey A. DePasquale, P.E., BCEE, CPWSQ
President

Quotation

Ms. Hillary Waite
Stormwater Division
Braintree Dept. of Public Works
85 Quincy Ave.
Braintree, MA 02184

Quotation No: 02042022

Quotation Date: Feb 16, 2022

Tel: (781) 794-8945
Email: hwaite@braintreema.gov

RE: Dry & wet weather water analysis for Braintree DPW

Dear Ms. Hillary Waite,

Thank you very much for your interest in our services. Following is our quotation of water analysis for for Town of Braintree, Dept. of Public Work, Stormwater Division.

Please feel free to contact me at any time if you have any questions regarding this quotation. We look forward to serving you soon.

Sampling Period: 2022

Project Name: Water analysis for dry & wet weather for Braintree DPW

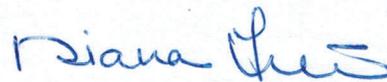
Project Reference No: NA

Quotation

Tests	Total Samples	Wet Weather	Dry Weather	Unit Price (Per Sample)
		# of Samples	# of Samples	
E. coli	130	115	15	\$45.00
Enterococci	130	115	15	\$45.00
Fecal Coliform	130	115	15	\$35.00

Note:

G & L Labs. provides necessary sample containers, coolers and chain of custody record forms at no additional charge. Water samples must be received at G & L Labs during regular business hours. Appointment needed if samples need to be dropped off during irregular business hours and surcharge will be applied. Advanced notice needed for each drop off due to bacteria short holding times.



 Diana Liu
 Laboratory Director

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW3

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: SUMS Billing Software
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 0

- 10. Purpose of Expenditure (check as appropriate):
 - Scheduled replacement
 - Replace worn-out equipment
 - Expanded service
 - Increased safety
 - Present equipment obsolete
 - Reduce personnel time
 - New operation
 - Improve procedures, record, etc.

- 11. Estimated Use of Requested Item
 - Days per year: Year-round
 - Average days per week: 5
 - Estimated life in years:

	Per Unit	Total
12. Purchase Price		
Cost:	\$15,000	\$15,000
Plus Installation or other costs:	\$15,000	\$15,000
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$30,000	\$30,000

- 13. Replaced Equipment
 - Item:
 - Make:
 - Age:

- 14. Recommended disposal of Replaced Item(s):
 - Sale
 - Possible use by other departments
 - Other (Trade-in)

- 15. Available Aid or Grants (specify): N/A

16. Comments: SUMS is a proprietary extension for ArcGIS, the mapping software to which DPW is currently migrating. SUMS integrates with Town databases and other engineering and billing softwares to assist with measurement and billing for impervious area. Currently, the Stormwater Billing Analyst uses several softwares (including AutoCAD, Softright, MS Access, MS Office) to verify impervious area measurements, ensure correct billing, and keep records. SUMS would integrate all of these functions and significantly improve the accuracy and workflow of billing. The software also integrates with MUNIS' billing system. We request \$15,000 for the product license and \$15,000 for assistance with installation and software integration. Annual software support is \$3,000, which we will include in the operational budget.

- 17. Submitted by: Hillary Waite
Stormwater Manager
- 18. Priority: 7



December 9, 2021

Ms. Hillary Waite, Stormwater Manager
Town of Braintree
1 JFK MEMORIAL DR
Braintree, Massachusetts 02184

Subject: SUMS Installation and Configuration

Dear Ms. Waite,

At your request, EMH&T is pleased to submit this proposal for SUMS installation and configuration to support the Town's Stormwater Utility. Our proposal contains seven (7) tasks. The remainder of this proposal presents our detailed approach and a description of the proposed deliverables. The entire focus of this SUMS implementation at present is on the non-residential parcels within the Town which fall under the per-ERU billing method.

SCOPE OF SERVICES

Task 1: GIS Data Analysis and Preparation

The Town will provide exports of data resources, namely parcels and AutoCAD files containing impervious area for processing and freeze those layers until project completion. EMH&T will make key edits to the structure of those resources by adding attributes necessary for the operation of the application.

Impervious areas will be spatially assigned the identifier for the parcel they are associated with. Exceptions will be identified by EMH&T and addressed by the Town. Impervious area exceptions include situations such as 1) impervious areas overlapping; 2) impervious area extending into another non-related parcel; and 3) impervious area extending outside the area of any parcel. EMH&T will aid the Town in configuring the enterprise geodatabase and loading the prepared parcel and impervious area data.

EMH&T will identify gaps in the GIS data and provide recommendations to the Town for assistance in addressing those under separate agreement.

Task 2: Account Data Analysis and Preparation

The Town will provide exports of billing system information that relates to accounts, properties, premises, buildings, etc. and track edits to that information for the duration of the project. EMH&T will inspect and analyze billing system information in order to assign parcels to accounts. Based on the available digital information, accounts will be classified as either 1:1, 1:M, or N:M in terms of premises/accounts to parcels. Valid information will be prepared for loading under Task 3. Loading of related details such as documents and credits shall be accomplished by the Town and shall occur after final acceptance.

Exceptions will be identified by EMH&T and addressed by the Town. Account data exceptions include situations such as 1) parcels that have impervious area, but no related account within the billing system; 2) N:M accounts where the amount of impervious area per account is not clear; and 3) Known 1:M or N:M accounts which do not have existing information to support that designation.

Task 3: System Installation and Loading

EMH&T will install the SUMS software. This will include necessary personalization and customization to work within the Town's network environment. EMH&T will provide documentation and administrator training. Valid data prepared during Tasks 1 and 2 will be loaded and linked to function within SUMS. Exceptions will be inventoried with a temporary layer and tagged with identifying information for resolution by the Town.

Task 4: Related System Integration

SUMS can be integrated with most billing and document management systems. SUMS has the ability to update the billing system directly as impervious area updates are made. With document management systems, integration is accomplished by accessing search criteria related to parcel identifier via packaged URL or similar. If integrations are desired and technically feasible, EMH&T will work with the Town on the necessary administrative coordination and technical details. Once established, EMH&T will configure the software to provide that integration. The Town will be responsible for changes related to database access such as user account creation, applying security credentials, and configuring network connectivity.

Task 5: Acceptance Testing

With the completion of Task 4, the system will be fully functioning and available on the Town's network. This indicates the beginning of the acceptance testing period. During acceptance testing, the Town will test the software environment for completeness and correctness while maintaining the integrity of the existing delivered data. The Town will compile issues with enough detail to replicate the situation. After the acceptance testing period, the Town will provide a listing of the issues for EMH&T to address/correct. EMH&T will complete that within an agreed-upon period of time. EMH&T will provide updated applications and data, as necessary, depending on the extent of fixes and corrections. The Town then has the opportunity to confirm and accept the updated deliverables.

Task 6: Training

Upon completion of Task 5, EMH&T will conduct a single, on-site user training session for up to three (3) users using Town facilities and equipment. User training sessions will be both functional and scenario-based. Training scenarios will utilize existing information, backlog data, and exception items as examples. User Guides and documentation will be provided.

Task 7: Support

With the completion of Task 6, the support period begins. EMH&T assumes that the support period will be three (3) months in duration. EMH&T will provide a single point of contact that can address the resolution of any situation, whether user-oriented or more technical in nature. Support will be remote via phone or screen sharing.

Deliverables:

- SUMS application software
- Configured account and GIS data
- Exception reports for Town action
- Data gap / needs report
- Documentation for system users and administrators
- Training for system users and administrators

Assumptions:

- The application requires an ArcGIS for Desktop Standard or Advanced software which is assumed to be licensed by the Town and available for use during the on-site portions of the project
- The data for parcels and impervious area will be stored as enterprise geodatabase and able to implement GUID assignment
- The Town will address all exceptions identified by EMH&T
- EMH&T will not be responsible for “scrubbing”, cleanup, or digitizing of data whether tabular or graphical
- Includes one on-site visit by EMH&T for training / closeout. All other tasks will be performed remotely with coordination

Fee and Schedule

EMH&T proposes to complete the listed scope of services for a lump sum fee of \$30,000. The Town will be invoiced \$15,000 (software cost) upon project initiation and then the remaining \$15,000 (services and associated expenses) upon completion of Task 6 which indicates acceptance and the start of the Task 7 support period.

The final schedule for completion is based upon the availability of personnel at the time of authorization by the Town. Presently it is estimated that EMH&T will prepare the system for acceptance testing (through Task 5) within three (3) months from notice to proceed assuming timely provision of source data by the Town. Upon authorization, EMH&T will submit a final project work plan and schedule.

Annual support is recommended. It will be quoted as Task 7 begins and covers remote support and routine upgrades for the period of one (1) year. Estimated at \$3,000 annually.

Licensing

Upon project completion and installation, the Town will have a site license of the application. No limits will be placed on the quantity of internal access points as long as the data relates to the

Town and its specific service and/or incorporated area. That would specifically exclude the use of the system by another entity/agency for its own purposes through the SUMS application.

The standard software license warrants the software to be free from programming bugs and errors for a period of one year from the completion of all training, which represents completion of the project. During that period, EMH&T will fix, at no cost to the Town, code and other functional portions of the software. It will not be EMH&T's responsibility to correct, repair or re-enter information that is lost during malfunction even due to such programming bugs. The Town uses the software at its own risk, but more realistically for its own benefit. Modifications to the installed components by agents from the Town or other outside agencies will void this warranty.

Please feel free to contact me at (614) 775-4280 should you have any further questions. We look forward to working with you all on this important project for the Town.

Respectfully submitted,
EVANS, MECHWART, HAMBLETON & TILTON, INC.



Derek M. Mair, GISP, MISM
Director of Geospatial Solutions

Acceptance and Authorization to Proceed

Authorized Signature

Date

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW4

1. Department: DPW
 2. Sub-Department: Stormwater
 3. Date: 1/10/2022
 4. Contact Person: Hillary Waite
 5. Contact Title: Stormwater Manager
 6. Phone: 781-794-8945
 7. Project Name: Pick-up truck with plow
 8. Number of Units Requested: 2
 9. Number of Similar Items in Inventory: 2
 10. Purpose of Expenditure (check as appropriate):

- (v) Scheduled replacement
 (v) Replace worn-out equipment
 () Expanded service
 () Increased safety
 () Present equipment obsolete
 (v) Reduce personnel time
 () New operation
 (v) Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year: 250
 Average days per week: 5
 Estimated life in years: 10

12. Purchase Price

	Per Unit	Total
Cost:	\$60,000	\$120,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$60,000	\$120,000

13. Replaced Equipment

Item:
 Make: Ford Heavy Duty Truck 4x4 with plow
 Age:

14. Recommended disposal of Replaced Item(s):

- v Sale
 ___ Possible use by other departments
 ___ Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

The Stormwater Division is currently hiring a Stormwater Inspector, whose responsibilities will be to inspect construction sites and private drainage systems that connect to the Town's stormwater system for proper maintenance, and to inspect all drainage systems, public and private, to ensure no illicit discharges are made to the storm sewer. This vehicle will be used by the Stormwater Inspector in support of that work.

17. Submitted by:

Hillary Waite
 Stormwater Manager

18. Priority:

3

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Pricing Proposal Form

GBPC | BAPERN GBPC 2019 Vehicles
Public Service Vehicles & Equipment

2019 Model Year Public Services Vehicles and Factory Options - Ford

Proposal Due Date: Friday, August 24, 2018 at 12:00 p.m.

Respondent: Colonial Ford Inc dba Colonial Municipal Group

2019	Ford	F Series Super Duty	W2B	F250 4X4 Crew PU SRW	\$41,040.00	\$28,629.00
2019	Ford	F Series Super Duty	F3A	F350 4X2 R/C PU SRW	\$35,815.00	\$25,369.00
2019	Ford	F Series Super Duty	X3A	F350 4X2 Super PU SRW	\$38,155.00	\$27,549.00
2019	Ford	F Series Super Duty	W3A	F350 4X2 Crew PU SRW	\$39,415.00	\$28,019.00
2019	Ford	F Series Super Duty	F3C	F350 4X2 R/C PU DRW	\$37,305.00	\$25,999.00
2019	Ford	F Series Super Duty	X3C	F350 4X2 Super PU DRW	\$39,840.00	\$28,599.00
2019	Ford	F Series Super Duty	W3C	F350 4X2 Crew PU DRW	\$41,100.00	\$29,979.00
2019	Ford	F Series Super Duty	F3E	F350 4X2 R/C CC SRW	\$35,195.00	\$25,749.00
2019	Ford	F Series Super Duty	X3E	F350 4X2 Super CC SRW	\$37,480.00	\$27,489.00
2019	Ford	F Series Super Duty	W3E	F350 4X2 Crew CC SRW	\$38,345.00	\$28,209.00
2019	Ford	F Series Super Duty	F3G	F350 4X2 R/C CC DRW	\$36,400.00	\$25,979.00
2019	Ford	F Series Super Duty	X3G	F350 4X2 Super CC DRW	\$38,685.00	\$28,449.00
2019	Ford	F Series Super Duty	W3G	F350 4X2 Crew CC DRW	\$39,550.00	\$28,749.00
2019	Ford	F Series Super Duty	F3B	F350 4X4 R/C PU SRW	\$38,615.00	\$27,859.00
2019	Ford	F Series Super Duty	X3B	F350 4X4 Super PU SRW	\$40,955.00	\$29,759.00
2019	Ford	F Series Super Duty	W3B	F350 4X4 Crew PU SRW	\$42,220.00	\$30,719.00
2019	Ford	F Series Super Duty	F3D	F350 4X4 R/C PU DRW	\$40,100.00	\$28,799.00
2019	Ford	F Series Super Duty	X3D	F350 4X4 Super PU DRW	\$42,635.00	\$31,109.00
2019	Ford	F Series Super Duty	W3D	F350 4X4 Crew PU DRW	\$43,900.00	\$32,209.00
2019	Ford	F Series Super Duty	F3F	F350 4X4 R/C CC SRW	\$38,695.00	\$28,229.00
2019	Ford	F Series Super Duty	X3F	F350 4X4 Super CC SRW	\$40,980.00	\$30,559.00
2019	Ford	F Series Super Duty	W3F	F350 4X4 Crew CC SRW	\$41,845.00	\$31,009.00
2019	Ford	F Series Super Duty	F3H	F350 4X4 R/C CC DRW	\$39,875.00	\$29,369.00
2019	Ford	F Series Super Duty	X3H	F350 4X4 Super CC DRW	\$42,185.00	\$31,589.00
2019	Ford	F Series Super Duty	W3H	F350 4X4 Crew CC DRW	\$43,050.00	\$32,109.00
2019	Ford	F Series Super Duty	F4G	F450 4X2 R/C CC DRW	\$39,535.00	\$31,329.00
2019	Ford	F Series Super Duty	X4G	F450 4X2 Super CC DRW	\$41,820.00	\$33,459.00
2019	Ford	F Series Super Duty	W4G	F450 4X2 Crew CC DRW	\$42,680.00	\$34,229.00
2019	Ford	F Series Super Duty	F4D	F450 4X4 Crew PU DRW	\$56,055.00	\$46,839.00
2019	Ford	F Series Super Duty	F4H	F450 4X4 R/C CC DRW	\$42,430.00	\$34,029.00
2019	Ford	F Series Super Duty	X4H	F450 4X4 Super CC DRW	\$45,320.00	\$36,229.00
2019	Ford	F Series Super Duty	W4H	F450 4X4 Crew CC DRW	\$48,180.00	\$38,989.00
2019	Ford	F Series Super Duty	F5G	F550 4X2 R/C CC DRW	\$40,630.00	\$32,369.00
2019	Ford	F Series Super Duty	X6G	F550 4X2 Super CC DRW	\$42,920.00	\$34,319.00
2019	Ford	F Series Super Duty	W5G	F550 4X2 Crew CC DRW	\$43,780.00	\$35,039.00
2019	Ford	F Series Super Duty	F5H	F550 4X4 R/C CC DRW	\$43,535.00	\$34,859.00
2019	Ford	F Series Super Duty	X5H	F550 4X4 Super CC DRW	\$46,420.00	\$37,339.00
2019	Ford	F Series Super Duty	W5H	F550 4X4 Crew CC DRW	\$47,280.00	\$38,199.00
2019	Ford	Medium Truck	F8A	F650 Regular Cab Gas	\$59,695.00	\$46,519.00
2019	Ford	Medium Truck	F6D	F650 Regular Cab Diesel	\$69,060.00	\$54,009.00
2019	Ford	Medium Truck	F6T	F650 Regular Cab Tractor	\$73,050.00	\$57,009.00
2019	Ford	Medium Truck	F6B	F650 Regular Cab Kick Up Frame Gas	\$59,010.00	\$46,039.00
2019	Ford	Medium Truck	F6E	F650 Regular Cab Kick Up Frame Diesel	\$68,375.00	\$53,589.00
2019	Ford	Medium Truck	X6A	F650 Supercab Gas	\$61,665.00	\$48,119.00
2019	Ford	Medium Truck	X6D	F650 Supercab Diesel	\$71,030.00	\$55,039.00
2019	Ford	Medium Truck	X6T	F650 Supercab Tractor	\$74,430.00	\$57,669.00
2019	Ford	Medium Truck	X6B	F650 Supercab Kick Up Frame Gas	\$60,980.00	\$47,539.00
2019	Ford	Medium Truck	X6E	F650 Supercab Kick Up Frame Diesel	\$70,345.00	\$54,559.00
2019	Ford	Medium Truck	W6A	F650 Crew Cab Gas	\$64,360.00	\$48,999.00
2019	Ford	Medium Truck	W6D	F650 Crew Cab Diesel	\$73,725.00	\$56,239.00
2019	Ford	Medium Truck	W6T	F650 Crew Cab Tractor	\$77,125.00	\$58,999.00
2019	Ford	Medium Truck	W6B	F650 Crew Cab Kick Up Frame Gas	\$63,675.00	\$48,549.00
2019	Ford	Medium Truck	W6E	F650 Crew Cab Kick Up Frame Diesel	\$73,040.00	\$55,899.00
2019	Ford	Medium Truck	F7A	F750 Regular Cab Gas	\$61,585.00	\$47,269.00
2019	Ford	Medium Truck	F7D	F750 Regular Cab Diesel	\$70,950.00	\$54,559.00
2019	Ford	Medium Truck	F7T	F750 Regular Cab Tractor	\$74,940.00	\$56,989.00
2019	Ford	Medium Truck	X7A	F750 Supercab Gas	\$63,555.00	\$48,699.00
2019	Ford	Medium Truck	X7D	F750 Supercab Diesel	\$72,920.00	\$55,699.00
2019	Ford	Medium Truck	X7T	F750 Supercab Tractor	\$76,320.00	\$57,799.00
2019	Ford	Medium Truck	W7A	F750 Crew Cab Gas	\$66,260.00	\$49,899.00
2019	Ford	Medium Truck	W7D	F750 Crew Cab Diesel	\$75,615.00	\$56,999.00
2019	Ford	Medium Truck	W7T	F750 Crew Cab Tractor	\$79,015.00	\$59,679.00
2020	Ford	Explorer	K8A	Police Int Utility	\$38,080.00	\$32,900.00
2019	Ford	Fusion	P0C	Fusion SEL FWD	\$29,475.00	\$23,889.00
2019	Ford	Fusion	P0E	Fusion SEL AWD	\$32,165.00	\$26,369.00
2019	Ford	Fusion	P0K	Fusion Titanium FWD	\$35,235.00	\$28,959.00
2019	Ford	Fusion	P0D	Fusion Titanium AWD	\$37,235.00	\$30,789.00
2019	Ford	Eco Sport	S2F	Eco Sport S FWD	\$20,990.00	\$19,119.00
2019	Ford	Eco Sport	S3F	Eco Sport S 4WD	\$22,585.00	\$20,669.00
2019	Ford	Eco Sport	S2G	Eco Sport SE FWD	\$24,145.00	\$22,009.00
2019	Ford	Eco Sport	S3G	Eco Sport SE 4WD	\$25,645.00	\$23,559.00
2019	Ford	Eco Sport	S3J	Eco Sport SES 4WD	\$28,270.00	\$25,819.00

98F	CNG/Propane Gaseous Engine Prep Package -inc: hardened engine intake valves, valve seats and bi-fuel manifold, NOTE: This package does not include CNG/Propane fuel tanks, lines, etc, Vehicle will be equipped w/the standard factory gasoline fuel system, Additional equipment combined w/Certified calibration reflash is required, from an external upfitter, to convert the vehicle to a CNG/Propane fueled vehicle, See Alternative Fuel Buyers Guide: www.ford.com/altfuelbuyersguide , Ford Motor Company does not provide an exhaust or evaporative emissions certificate w/this option when converted to use CNG or Propane fuel, Ford does not represent that a vehicle converted to use CNG or Propane will comply w/all applicable U.S. or Canadian safety standards, It is the responsibility of the final stage manufacturer (body-builder, installer, alterer or subsequent stage manufacturer) to determine that any vehicle converted to use CNG or Propane complies w/U.S, Federal, California or Canadian exhaust and evaporative emission requirements, Federal fuel economy standards, U.S, and Canadian safety standards, labeling and any other requirements	\$315.00
ADDITIONAL EQUIPMENT - ENTERTAINMENT		
21N	Voice-Activated Navigation -inc: HD and SiriusXM Traffic and Travel Link, NOTE: SiriusXM Traffic and Travel Link includes a 5-year prepaid subscription, Services are not available in Alaska and Hawaii	\$570.00
ADDITIONAL EQUIPMENT - INTERIOR		
166	Carpet Delete -inc: Replaced w/black flooring *CREDIT*	(\$50.00)
16S	All-Weather Floor Mats	\$135.00
18A	Upfitter Interface Module	\$295.00
18L	Individual TPMS Delete	\$0.00
21X	Vehicle Safe by Console Vault (Pre-Installed)	\$330.00
41A	Rapid-Heat Supplemental Cab Heater -inc: Dual Extra Heavy-Duty Alternators (Total 377-Amps)	\$250.00
41A	(DISCONTINUED) Rapid-Heat Supplemental Cab Heater (Rgnl) -inc: Dual Extra Heavy-Duty Alternators (Total 377-Amps)	\$0.00
527	Adaptive Cruise Control & Collision Warning -inc: brake support	\$740.00
555	Rear Inflatable Seat Belts	\$185.00
60B	Blind Spot Information System (BLIS) -inc: cross-traffic alert and trailer tow (BLIS sensor in taillamp)	\$540.00
66S	Upfitter Switches (6) -inc: Located in overhead console	\$165.00
76C	Exterior Backup Alarm (Pre-Installed)	\$140.00
76S	Remote Start System	\$250.00
85D	Universal Garage Door Opener (UGDO)	\$125.00
873	Rear CHMSL Camera -inc: Display in center stack screen, LED Center High-Mounted Stop Lamp (CHMSL) w/cargo light and rear video camera	\$200.00
874	Ultimate Trailer Tow Camera System -inc: 360 degree camera system and trailer reverse guidance, Display appears in center-stack screen, NOTE: Does not include customer placed trailer camera, Rear CHMSL Camera Display in center stack screen, LED Center High-Mounted Stop Lamp (CHMSL) w/cargo light and rear video camera	\$710.00
90R	Heated Rear Seats	\$300.00
F-350 SRW (F3B) XLT 4WD Reg Cab		
ENGINE		
996	Engine: 6.2L 2-Valve SOHC EFI NA V8 Flex-Fuel -inc: Flex-Fuel badge on fleet orders only (STD)	\$0.00
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 -inc: manual push-button engine-exhaust braking and intelligent oil-life monitor, GVWR: 11,500 lb Payload Package, 29 Gallon Fuel Tank, 3.31 Axle Ratio, 175 Amp Heavy Duty Alternator, Dual 78-AH 750 CCA Batteries	\$9,120.00
TRANSMISSION		
44P	Transmission: TorqShift 6-Speed Automatic (6R140) -inc: SelectShift (STD)	\$0.00
44W	Transmission: TorqShift 6-Speed Automatic -inc: (6R140), SelectShift	\$0.00
OPTION PACKAGE		
613A	Order Code 613A	\$0.00
XLE RATIO		
X31	3.31 Axle Ratio	\$0.00

X35	3.55 Axle Ratio	\$0.00
X37	3.73 Axle Ratio (STD)	\$0.00
X3E	Electronic-Locking w/3.73 Axle Ratio	\$390.00
X3H	Electronic-Locking w/3.31 Axle Ratio	\$390.00
X3J	Electronic-Locking w/3.55 Axle Ratio	\$390.00
X4M	Electronic-Locking w/4.30 Axle Ratio	\$390.00
TIRES		
TCH	Tires: LT275/65Rx18E BSW A/S (STD)	\$0.00
TDU	Tires: LT275/70Rx18E OWL A/T (4) -inc: LT275/70Rx18E BSW A/T spare tire	\$250.00
TDX	Tires: LT275/70Rx18E BSW A/T (4)	\$165.00
PRIMARY PAINT		
AT	Yellow	\$660.00
BN	Silver Spruce	\$0.00
BY	School Bus Yellow	\$660.00
D1	Stone Gray Metallic	\$0.00
E2	Magma Red Metallic	\$0.00
E4	Vermillion Red	\$660.00
GR	Green	\$660.00
J7	Magnetic Metallic	\$0.00
MB	Orange	\$660.00
N1	Blue Jeans Metallic	\$0.00
PQ	Race Red	\$0.00
RR	Ruby Red Metallic Tinted Clearcoat	\$395.00
UM	Agate Black	\$0.00
UX	Ingot Silver Metallic	\$0.00
W6	Green Gem	\$660.00
Z1	Oxford White	\$0.00
SEAT TYPE		
3A	Camel, Cloth 40/20/40 Split Bench Seat -inc: 20% locking center under-seat storage, center armrest, cupholder, storage, 4-way adjustable driver/passenger headrests and driver's side manual lumbar	\$0.00
3S	Medium Earth Gray, Cloth 40/20/40 Split Bench Seat -inc: 20% locking center under-seat storage, center armrest, cupholder, storage, 4-way adjustable driver/passenger headrests and driver's side manual lumbar	\$0.00
ADDITIONAL EQUIPMENT - PACKAGE		
17V	XLT Value Package -inc: Reverse Sensing System, SecuriCode Driver's Side Keyless Entry Keypad, Fog Lamps, 8-Way Power Driver's Seat, Autolock/Auto Unlock	\$1,460.00
17X	FX4 Off-Road Package -inc: Unique FX4 Off-Road Box Decal, Off-Road Specifically Tuned Shock Absorbers, front/rear, Hill Descent Control, Transfer Case & Fuel Tank Skid Plates	\$400.00
47B	Snow Plow/Camper Package -inc: computer selected springs for snowplow application and heavy service front springs (1 up upgrade above the spring computer selected as a consequence of options chosen, Not included if maximum springs have been computer selected as standard equipment) and slide-in camper certification, NOTE 1: Salesperson's Source Book or Ford RV Trailer Towing Guide should be consulted for specific trailer towing or camper limits and corresponding required equipment, axle ratios and model availability, Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details, Expect firmer ride when vehicle is not equipped w/snowplow and/or camper, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/snowplow and/or camper, Extra Heavy-Duty 200 Amp Alternator, Rear Stabilizer Bar	\$245.00

63R	Heavy-Service Package for Pickup Box Delete -inc: heavy service front springs (200 lbs, upgrade above the spring computer selected as a consequence of options chosen, Not included if maximum springs have been computer selected as standard equipment), NOTE: Salesperson's Source Book or Ford RV Trailer Towing Guide should be consulted for specific trailer towing or camper limits and corresponding required equipment, axle ratios and model availability, Rear Stabilizer Bar	\$125.00
ADDITIONAL EQUIPMENT - MECHANICAL		
15J	Gooseneck Hitch Kit (Pre-Installed)	\$250.00
15L	18K 5th Wheel Hitch Kit (Pre-Installed)	\$1,095.00
21M	Manual Shift On Stop -inc: Deletes Electronic Shift On the Fly functionality	\$0.00
41H	Engine Block Heater	\$100.00
41P	Transfer Case & Fuel Tank Skid Plates	\$100.00
471	Camper Package -inc: heavy service front springs (1 up upgrade above the spring computer selected as a consequence of options chosen, Not included if maximum springs have been computer selected as standard equipment) and slide-in camper certification, NOTE 1: Salesperson's Source Book or Ford RV Trailer Towing Guide should be consulted for specific trailer towing or camper limits and corresponding required equipment, axle ratios and model availability, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/camper, Rear Stabilizer Bar	\$160.00
473	Snow Plow Prep Package -inc: computer selected springs for snowplow application, NOTE 1: Restrictions apply; see Supplemental Reference or Body Builders Layout Book for details, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/snowplow, Extra Heavy-Duty 200 Amp Alternator	\$185.00
53W	5th Wheel/Gooseneck Hitch Prep Package -inc: 5 pickup bed attachment points w/plugs, 1 frame under-bed cross member and 1 integrated 7-pin connector on driver's side pickup bed wall, 5th wheel hitch compatibility: the 5th Wheel/Gooseneck Prep Package (53W) is compatible w/the factory orderable 5th Wheel Hitch Kits (15K and 15L) and dealer-installed Ford accessories 5th Wheel Hitch Kit by Reese - part #BC3Z-19D520-A (8ft box only), The prep package is also compatible w/Reese Signature Series 5th wheel hitch kits updated w/a new Leg Service Kit - part #BC3Z-A00A25-A (8ft box only), The 5th Wheel Hitch Kit (15K), 5th Wheel Hitch Kit (15L) and dealer-installed Ford accessories 5th Wheel Hitch Kit by Reese - part #BC3Z-19D520-A is not released to the short box (6.75ft box), NOTE: the short pickup box provides less clearance between the cab and 5th wheel trailer compared to long box pickups, The receiver centerline of the hitch should be mounted at least 2" forward from the rear-axle of the truck chassis, When selecting a trailer and tow vehicle, it's critical that this combination provide clearance between the cab and tow vehicle for turns up to and including 90 degrees, Failure to follow this recommendation could result in the trailer contacting the cab of the tow vehicle during tight turns, Gooseneck hitch compatibility: the 5th Wheel/Gooseneck Prep Package (53W) is compatible only w/the factory orderable Gooseneck Hitch Kit (15J) or dealer-installed Ford customer accessories Gooseneck Hitch by Reese - part #BC3Z-19F503-A (8ft box and 6.75 ft box)	\$500.00
62R	Transmission Power Take-Off Provision -inc: transmission mounted live drive and stationary mode PTO	\$280.00
653	Individual Trailer TPMS (Pre-Installed) -inc: customer-placed trailer camera, NOTE: Trailer TPMS sensors only compatible on wheels w/a .452" diameter valve stem	\$725.00
65B	Customer-Placed Trailer Camera (Pre-Installed)	\$375.00
66D	Pickup Box Delete -inc: Deletes tie-down hooks, tailgate, rearview camera, 7/4 pin connector and center high mounted stop lamp (CHMSL) (only on vehicles over 10,000 lbs.GVWR), Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer, In addition, Ford urges manufacturers to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builder's Layout Book (and applicable supplements), Spare Wheel, Tire, Carrier & Jack Delete, Rear Bumper Delete *CREDIT*	(\$625.00)
67A	Dual Alternators (Total 332-Amps)	\$0.00
67B	Dual Extra Heavy-Duty Alternators (Total 377-Amps)	\$115.00
67E	Extra Extra Heavy-Duty Alternator (240 Amp)	\$85.00

67H	Heavy-Service Front Suspension Package -inc: heavy-service front springs (1 up upgrade above the spring computer selected as a consequence of options chosen. Not included if maximum springs have been computer selected as standard equipment), Recommended only on vehicles which will permanently utilize aftermarket equipment such as heavy-duty winches, brush guards or other apparatus which loads the front axle to the specified Gross Axle Weight Rating (GAWR), NOTE 1: Vehicle ride height will increase w/the addition of this package, NOTE 2: May result in deterioration of ride quality when vehicle is not equipped w/front end utility attachment,	\$125.00
68D	GVWR: 10,000 lb Payload Package (68D)	\$0.00
68L	GVWR: 11,400 lb Payload Package (68L)	\$0.00
86M	Medium Duty Battery - Dual 78 AH	\$210.00
98R	Operator Commanded Regeneration (OCR)	\$250.00
---	GVWR: 11,300 lb Payload Package	\$0.00
---	GVWR: 11,500 lb Payload Package	\$0.00
---	GVWR: 11,500 lb Payload Package	\$0.00
---	GVWR: TBD	\$0.00
ADDITIONAL EQUIPMENT - EXTERIOR		
18B	Platform Running Boards	\$320.00
43B	Fixed Rear-Window w/Defrost	\$60.00
512	Spare Tire, Wheel, Carrier & Jack	\$295.00
52R	Stowable Loading Ramps (Pre-Installed)	\$695.00
54F	PowerScope Trailer Tow Mirrors w/Heat -inc: power-folding, telescoping, power glass, turn signal, high intensity LED security approach lamps and utility lighting system (LED side-mirror spotlights)	\$280.00
592	LED Roof Clearance Lights	\$95.00
59H	Center High-Mounted Stop Lamp (CHMSL) -inc: CHMSL is deleted from vehicles over 10,000 lbs GVWR w/66D Pickup Box Delete; replaced w/a black cover; to add CHMSL w/66D Pickup Box Delete select 59H, CHMSL is standard under all other conditions	\$0.00
61L	Front Wheel Well Liners (Pre-Installed)	\$180.00
61M	Rear Wheel Well Liners (Pre-Installed)	\$180.00
61N	Front & Rear Wheel Well Liners (Pre-Installed)	\$325.00
61S	Front Splash Guards/Mud Flaps (Pre-Installed)	\$130.00
62S	Rear Splash Guards/Mud Flaps (Pre-Installed)	\$0.00
62X	Aluminum Crossbed Toolbox (Pre-Installed) -inc: Defender Series by Weather Guard	\$575.00
62Y	Premium Aluminum Crossbed Toolbox (Pre-Installed) -inc: Model #127-0-02 by Weather Guard	\$790.00
66L	LED Box Lighting -inc: LED Center High-Mounted Stop Lamp (CHMSL)	\$60.00
85B	Stowable Bed Extender	\$250.00
85G	Tailgate Step & Handle	\$375.00
85L	Drop-In Bedliner (Pre-Installed)	\$350.00
85M	Bed Mat (Pre-Installed)	\$150.00
85S	Tough Bed Spray-In Bedliner -inc: tailgate-guard, black box bed tie-down hooks and black bed attachment bolts	\$540.00
86A	Engine Idle Shut Down - 5 Minutes -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	\$250.00
86B	Engine Idle Shut Down - 10 Minutes -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	\$250.00
86C	Engine Idle Shut Down - 15 Minutes -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	\$250.00
86D	Engine Idle Shut Down - 20 Minutes -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	\$250.00

87H	Black Molded Hood Deflector (Pre-Installed)	\$130.00
91G	Amber-White LED Warning Strobes (Pre-Installed) -inc: center high-mounted stop light bar and 2 hood mounted lights	\$725.00
91S	Amber LED Warning Strobes (Pre-Installed) -inc: center high-mounted stop light bar and 2 hood mounted lights	\$675.00
926	Speed Limitation - 65-MPH Governed Top Speed	\$80.00
927	Speed Limitation - 75-MPH Governed Top Speed	\$80.00
942	Daytime Running Lamps (DRL) -inc: The non-controllable 942 Daytime Running Lamps (DRL) replace the standard Daytime Running Lamps (DRL), on/off cluster controllable	\$45.00
98F	CNG/Propane Gaseous Engine Prep Package -inc: hardened engine intake valves, valve seats and bi-fuel manifold, NOTE: This package does not include CNG/Propane fuel tanks, lines, etc, Vehicle will be equipped w/the standard factory gasoline fuel system, Additional equipment combined w/Certified calibration reflash is required, from an external upfitter, to convert the vehicle to a CNG/Propane fueled vehicle, See Alternative Fuel Buyers Guide: www.ford.com/altfuelbuyersguide , Ford Motor Company does not provide an exhaust or evaporative emissions certificate w/this option when converted to use CNG or Propane fuel, Ford does not represent that a vehicle converted to use CNG or Propane will comply w/all applicable U.S. or Canadian safety standards, It is the responsibility of the final stage manufacturer (body-builder, installer, alterer or subsequent stage manufacturer) to determine that any vehicle converted to use CNG or Propane complies w/U.S. Federal, California or Canadian exhaust and evaporative emission requirements, Federal fuel economy standards, U.S. and Canadian safety standards, labeling and any other requirements	\$315.00
ADDITIONAL EQUIPMENT - ENTERTAINMENT		
21N	Voice-Activated Navigation -inc: HD and SiriusXM Traffic and Travel Link, NOTE: SiriusXM Traffic and Travel Link includes a 5-year prepaid subscription, Services are not available in Alaska and Hawaii	\$570.00
913	SYNC 3 Communications & Entertainment System -inc: enhanced voice recognition, 8" LCD capacitive touch screen in center stack w/swipe capability, pinch-to-zoom capability included w/available voice-activated touchscreen navigation system, 4.2" productivity screen in IP cluster, AppLink, 911 Assist, Apple CarPlay and Android Auto and 2 smart charging USB ports, NOTE: SYNC AppLink lets you control some of your favorite compatible mobile apps w/your voice, It is compatible w/select smartphone platforms, Commands may vary by phone and AppLink software, 110V/400W Outlet, 1 in-dash mounted outlet, Extra Heavy-Duty 200 Amp Alternator	\$450.00
ADDITIONAL EQUIPMENT - INTERIOR		
166	Carpet Delete -inc: Replaced w/black flooring *CREDIT*	(\$50.00)
16S	All-Weather Floor Mats	\$90.00
18A	Upfitter Interface Module	\$295.00
18L	Individual TPMS Delete	\$0.00
41A	Rapid-Heat Supplemental Cab Heater -inc: Dual Extra Heavy-Duty Alternators (Total 377-Amps)	\$250.00
41A	(DISCONTINUED) Rapid-Heat Supplemental Cab Heater (Rgrnl) -inc: Dual Extra Heavy-Duty Alternators (Total 377-Amps)	\$0.00
43C	110V/400W Outlet -inc: 1 in-dash mounted outlet, Extra Heavy-Duty 200 Amp Alternator	\$75.00
60B	Blind Spot Information System (BLIS) -inc: cross-traffic alert and trailer tow (BLIS sensor in taillamp)	\$540.00
62M	Adjustable Pedals	\$120.00
66S	Upfitter Switches (6) -inc: Located in overhead console	\$165.00
76C	Exterior Backup Alarm (Pre-Installed)	\$140.00
76R	Reverse Sensing System	\$245.00
76S	Remote Start System	\$250.00
872	Rear View Camera & Prep Kit -inc: Pre-installed content includes cab wiring, frame wiring to the rear most cross member and video display w/electronic mirror and 4" display, Upfitters kit includes camera w/mounting bracket, 14' jumper wire and camera mounting and aiming instructions	\$415.00
873	Rear CHMSL Camera -inc: Display in center stack screen, LED Center High-Mounted Stop Lamp (CHMSL) w/cargo light and rear video camera	\$200.00

874	Ultimate Trailer Tow Camera System -inc: 360 degree camera system and trailer reverse guidance, Display appears in center-stack screen, NOTE: Does not include customer placed trailer camera, Rear CHMSL Camera Display in center stack screen, LED Center High-Mounted Stop Lamp (CHMSL) w/cargo light and rear video camera	\$710.00
87S	FordPass Connect -inc: Wi-Fi hotspot that connects up to 10 devices (includes a trial subscription of 3 months or 3 gigabytes - whichever comes first, Wireless service plan required after trial subscription ends), Remote start w/specific time scheduling, lock and unlock, locate parked vehicle and check vehicle status services are included for 5 years from the vehicle sale date as recorded by the dealer, Note: Ford Telematics Prep included for Fleet ONLY: FordPass Connect enables telematics services through authorized partners, Activate at www.fleet.ford.com or call 888-459-0255	\$225.00
87T	Fleet Telematics Modem -inc: Onboard modem device provides access to data to support telematics services including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts, Device enables telematics services through authorized partners, Activate at www.fleet.ford.com or call 888-459-0255	\$800.00
F-350 SRW (X3B) XLT 4WD SuperCab		
ENGINE		
996	Engine: 6.2L 2-Valve SOHC EFI NA V8 Flex-Fuel -inc: Flex-Fuel badge on fleet orders only (STD)	\$0.00
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 -inc: manual push-button engine-exhaust braking and intelligent oil-life monitor, GVWR: 11,500 lb Payload Package, 29 Gallon Fuel Tank, 3.31 Axle Ratio, 175 Amp Heavy Duty Alternator, Dual 78-AH 750 CCA Batteries	\$9,120.00
TRANSMISSION		
44P	Transmission: TorqShift 6-Speed Automatic (6R140) -inc: SelectShift (STD)	\$0.00
44W	Transmission: TorqShift 6-Speed Automatic -inc: (6R140), SelectShift	\$0.00
OPTION PACKAGE		
613A	Order Code 613A	\$0.00
AXLE RATIO		
X31	3.31 Axle Ratio	\$0.00
X35	3.55 Axle Ratio	\$0.00
X37	3.73 Axle Ratio (STD)	\$0.00
X3E	Electronic-Locking w/3.73 Axle Ratio	\$390.00
X3H	Electronic-Locking w/3.31 Axle Ratio	\$390.00
X3J	Electronic-Locking w/3.55 Axle Ratio	\$390.00
X4M	Electronic-Locking w/4.30 Axle Ratio	\$390.00
WHEELS		
647	Wheels: 18" Chrome PVD Aluminum	\$0.00
648	Wheels: 18" Sparkle Silver Painted Cast Aluminum -inc: bright hub covers/center ornaments (STD)	\$0.00
TIRES		
TCH	Tires: LT275/65Rx18E BSW A/S (STD)	\$0.00
TDU	Tires: LT275/70Rx18E OWL A/T (4) -inc: LT275/70Rx18E BSW A/T spare tire	\$250.00
TDX	Tires: LT275/70Rx18E BSW A/T (4)	\$165.00
PRIMARY PAINT		
AT	Yellow	\$660.00
BN	Silver Spruce	\$0.00
BY	School Bus Yellow	\$660.00
D1	Stone Gray Metallic	\$0.00
E2	Magma Red Metallic	\$0.00
E4	Vermillion Red	\$660.00
GR	Green	\$660.00
J7	Magnetic Metallic	\$0.00
MB	Orange	\$660.00





Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW5

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: F550 Style Catch Basin Cleaner
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 2

- 10. Purpose of Expenditure (check as appropriate):
 - (v) Scheduled replacement
 - (v) Replace worn-out equipment
 - () Expanded service
 - (v) Increased safety
 - () Present equipment obsolete
 - () Reduce personnel time
 - () New operation
 - () Improve procedures, record, etc.

- 11. Estimated Use of Requested Item
 - Days per year: Seasonal
 - Average days per week:
 - Estimated life in years: 10

12. Purchase Price	Per Unit	Total
Cost:	\$210,000	\$210,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$210,000	\$210,000

- 13. Replaced Equipment
 - Item:
 - Make: Elgin
 - Age:

- 14. Recommended disposal of Replaced Item(s):
 - v Sale
 - ___ Possible use by other departments
 - ___ Other (Trade-in)

- 15. Available Aid or Grants (specify): N/A

- 16. Comments:
- 17. Submitted by: Hillary Waite
Stormwater Manager

- 18. Priority: 4



OPERATIONAL SERVICES DIVISION

VEH110 Quote Form: Vendor Response

Cells which require input are shaded blue and will turn white when filled. Additional cells are optional.

FOR BIDDING VENDORS: This (Vendor Response) tab must be completed by the bidding vendor and submitted to the purchasing entity. If the bidding vendor would like to submit a separate specification sheet, it must be submitted to the purchasing entity along with this form.

Use one quote form per vehicle specification. Only multiples of the exact same spec'd vehicle can be included on each individual form. For options/upfits/transferred equipment, each line item must be fully populated.

VENDOR INFORMATION

Company Name:	Town of Braintree
Company Address:	85 Quincy Ave, Braintree MA 02184
Name of Company Contact:	Ben Hulke
Contact Phone:	781-794-8959
Contact Email:	bhulke@braintreema.gov

Date of Quote:	1/27/2022	Quote Number:		Order By Date:	
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VEHICLE SPECIFICATIONS / INFORMATION

VEH110 Vehicle #, if Applicable:		Vehicle Being Sourced From:		If Sourced from Stock, Stock #:	
Model Year:	2022	Seating Capacity:	3	Quantity of Vehicle Offered:	1
Make & Model:	Ford F550 4x4	Exterior Color:	White		
Trim Level:	Vynyl	Interior Color and Material:	Other		
Drive Train:	AWD				
Body Code & Pkg.:	F5H				
Engine Details:	6.7L Diesel	Base Vehicle Contract Price:	\$46,323.98		
Engine Designation:	Internal Combustion Engine				

ADDED DISCOUNTS / INCENTIVES / CREDITS (PER VEHICLE)

Grants	\$0.00	Notes:	Total Additional Incentives:	\$0.00
Tax Credits/Rebates	\$0.00			
Promo. Discounts	\$0.00			
Volume Discounts	\$0.00			

ORDER & DELIVERY TIME LINE / DELIVERY LOCATION / TRADE-IN INFORMATION

MY Order Bank Status/Open Date:	12/20/2021	MY Production Status/Dates:	May-22
Lead Time should be referenced in weeks (only use days if less than one week applies):			
Vehicle Lead Time from OEM to Dealer:	180	Upfit/Transfer Lead Time at Dealer:	2
Vehicle Lead Time at Sub-Contractor:	90	TOTAL Order to Delivery Lead Time:	270
Delivery Location (from Dealer to Purchaser):	Braintree DPW		
Delivery Fee (ONLY applies when delivery location is outside mainland MA):	\$0.00		
Trade-Ins May Be Allowed to Reduce Acquisition Cost, Based on Applicable Procurement Regulations (not allowed for Executive Branch purchasers):			
Trade-In Details (Year, Make, Model):		Trade-In Value:	

PRICE SUMMARY

Per Vehicle, Contract Base Price:	\$46,323.98	Per Vehicle, as noted in the applicable sections:	
Total Additional Incentives:	\$0.00	Total Factory Options:	\$6,567.81
Trade in Value, if applicable:	\$0.00	Total Upfit/Transfer/Delivery:	\$154,386.67
TOTAL COST PER VEHICLE: (Including all add-ons and Incentives)	\$207,278.46	QUANTITY:	1

Based on Pricing, Contract Language
Requires Three Quotes be Solicited

TOTAL PURCHASE PRICE (if move forward with PO):

\$207,278.46

TOTAL

ADDED FACTORY (OEM) OPTIONS AND PACKAGES (PER VEHICLE)

Quantity per Vehicle:	Factory Code:	Option / Accessory Description:	Price Per Unit (Cost Plus):	Total Per Vehicle:
1	F5H	Base Vehicle (F5H)	\$42,305.00	\$46,323.98
1	660A	Order Code 660A	\$0.00	\$0.00
1	99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20	\$8,299.00	\$9,087.41
1	44G	Transmission: 10-Speed Automatic	\$0.00	\$0.00
1	X8L	Limited Slip w/ 4.88 Ratio	\$320.00	\$350.40
1	68M	GVWR: 19,500lb Payload Plus Upgrade Package	\$1,028.00	\$1,125.66
1	TGM	Tires: 225/70Rx18.5G (4-Traction Rear with 2-A/P tires on Front)	\$169.00	\$185.06
1	64Z	Wheels: 19.5"x 6" Argent Painted Steel	\$0.00	\$0.00
1	A	HD Vynyl 40/20/40 Split Bench Seat	\$0.00	\$0.00
1	169WB	169" Wheelbase	\$0.00	\$0.00
1	18B	Platform Running Boards	\$285.00	\$312.08
1	STDRD	Radio: AM/FM w/ MP3 Player Includes Sync	\$0.00	\$0.00
1	41H	Engine Block Heater	\$89.00	\$97.46
1	41P	Transfer Skid Plates	\$89.00	\$97.46
1	43B	Fixed Rear Window w/ Defrost	\$53.00	\$58.04
1	43C	110/400W Outlet	\$156.00	\$170.82
1	61L	Front Wheel Well Liners	\$160.00	\$175.20
1	63A	Utility Lighting System	\$142.00	\$155.49
1	67P	Extra Heavy Duty Front Suspension 7,500lbs	\$125.00	\$136.88
1	96V	XL Value Package Chrome Bumper Cruise Control	\$352.00	\$385.44
1	90L	Power Equipment Group: Power Windows, Power Lock with Remote Entry	\$814.00	\$891.33
1	67P	Extra Heavy Duty Fron Suspension 7,500lbs	\$254.00	\$278.13
1	62R	Transmission Power Take Off Provisions	\$0.00	\$0.00
1	86M	Dual 78 AH Battery	\$0.00	\$0.00
1	67B	397 Amp Alternators	\$102.00	\$111.69
1	54L	Folding Trailer Tow Mirrors	\$574.00	\$628.53
1	76C	Exterior Back Up Alarm	\$150.00	\$164.25
1	924	Privacy Glass	\$0.00	\$0.00
1	Z1	Exterior Color: Atlas Blue	\$0.00	\$0.00
1	Destination	Destination Charge	\$1,695.00	\$1,856.03
Factory Options Total (per vehicle):				\$62,591.30

ADDED ACCESSORIES / UPFIT / TRANSFER OF EQUIPMENT (PER VEHICLE)

Quantity per Vehicle:	Supplier Brand / Part Code:	Option / Accessory Description:	Price Per Unit (Cost Plus):	Total Per Vehicle:
1	CB 920	Install CB920 Per Spec Town of Braintree	\$142,789.00	\$147,072.67
1	Fisher Plow	Install Fisher Plow	\$6,900.00	\$7,314.00
Accessories / Upfit / Transfer Total (per vehicle):				\$154,386.67

OTHER TERMS (NOT TO CONFLICT WITH ANY TERM ON VEH110)

Current Ford Factory Fleet Discounts is Zero, however at Time of delivery if Ford discounts are reestablished for Fleet those discounts will be applied at time of Invoicing to the City of Waltham.

**Town of Braintree
 Department of Public Works: Stormwater
 Capital Improvement Project Request Form
 Schedule G-2 Construction/Renovation
 Fiscal Year 2022-Reference SW6**

- | | |
|---------------------------------------|--------------------------|
| 1. Department: | DPW |
| 2. Sub-Department: | Stormwater |
| 3. Date: | 1/10/2022 |
| 4. Contact Person: | Hillary Waite |
| 5. Contact Title: | Stormwater Manager |
| 6. Phone: | 781-794-8945 |
| 7. Project Name: | Drainage CCTV and Repair |
| 8. Costs: | \$800,000 |
| 9. Expenditure Schedule: | |
| FY22 | \$240,751 |
| FY23 | \$150,000 |
| FY24 | \$150,000 |
| FY25 | \$150,000 |
| FY26 | \$150,000 |
| 10. Planning & Design: | \$0 |
| 11. Site Improvement & Utilities: | |
| FY22 | \$0 |
| FY23 | \$0 |
| FY24 | \$0 |
| FY25 | \$0 |
| FY26 | \$0 |
| 12. Construction/renovation: | \$840,751 |
| 13. Other (Specify): | |
| 14. Cost Totals: | \$840,751 |
| 15. Available Aid or Grant (specify): | |

16. Description and Justification:

The stormwater system is a critical component of the Town’s utility assets. When working properly this system typically goes unnoticed and performs exceptionally well at keeping the Town’s roadways free from ponding even in the highest intensity of precipitation events. However, the system is also prone to deficiencies which can lie undetected beneath the surface, but which can lead to severe issues when not addressed. These issues range from accumulations of debris or tree roots which can cause clogs and restrict flows; to broken sections of pipe which can invite further debris and eventually lead to the collapse of the roadway surface. In an attempt to proactively address these deficiencies before they lead to major issues, and before they cascade into more expensive repairs, the Stormwater Division is requesting capital funds to undertake an annual drainage investigation and repair contract. The work under this contract would include thoroughly cleaning drain lines and then televising them with a robotic camera in order to identify any issues. Issues that are found would be addressed in a variety of ways with a focus on trenchless rehabilitation as much as possible in order to minimize costs and roadway excavations. The submitted estimate would include investigations and repairs as necessary on all of the drain lines within roadways that are planned to be reconstructed this year, and would also include additional funding for further investigations throughout Town in areas with ongoing drainage issues. Given the age of Braintree’s stormwater system it is critical that it be maintained in a proactive manner and be continually monitored on an annual basis to ensure that it continues optimally perform all of its functions.

- | | |
|-------------------|-------------------------------------|
| 17. Submitted by: | Hillary Waite
Stormwater Manager |
|-------------------|-------------------------------------|

- | | |
|---------------|---|
| 18. Priority: | 5 |
|---------------|---|

FY22 Drainage System Investigation and Repairs Estimate

Planned Investigations

Pipe Diameter	Pipe Length	Clean and Televis		Root Cutting	
		Unit Price	Total	Unit Price	Total
8"-10"	2835	\$ 3.01	\$ 8,533.35	\$ 3.25	\$ 1,842.75
12"-18"	6685	\$ 4.65	\$ 31,085.25	\$ 3.65	\$ 4,880.05
24"-36"	3691	\$ 5.30	\$ 19,562.30	\$ 4.25	\$ 3,137.35
42"	2960	\$ 5.65	\$ 16,724.00	\$ 4.90	\$ 2,900.80
			\$ 75,904.90		\$ 12,760.95
Total					\$ 88,665.85

Various Location Investigations

Pipe Diameter	Pipe Length	Clean and Televis		Root Cutting	
		Unit Price	Total	Unit Price	Total
8"-10"	600	\$ 3.01	\$ 3,612.00	\$ 3.25	\$ 390.00
12"-18"	1000	\$ 4.65	\$ 9,300.00	\$ 3.65	\$ 730.00
24"-36"	800	\$ 5.30	\$ 8,480.00	\$ 4.25	\$ 680.00
42"	600	\$ 5.65	\$ 6,780.00	\$ 4.90	\$ 588.00
			\$ 28,172.00		\$ 2,388.00
Total					\$ 30,560.00

Additional Investigation Related Items

Item Description	Units	Unit Price	Quantity	Total
Locate Buried Drainage Structure	EA	\$ 350.00	5	\$ 1,750.00
Raise Buried Structure to Grade	VF	\$ 1,200.00	2	\$ 2,400.00
Sediment Removed and Disposed	CY	\$ 85.00	50	\$ 4,250.00
Total				\$ 8,400.00

Drain Line Repair Items

Item Description	Units	Unit Price	Quantity	Total
Short Liner Installation	LF	\$ 375.00	40	\$ 15,000.00
Cured-In-Place Liner	LF	\$ 45.00	600	\$ 27,000.00
Remove and Replace Existing Drain Pipes	LF	\$ 145.00	100	\$ 14,500.00
Open Cut Point Repair	EA	\$ 5,500.00	3	\$ 16,500.00
Total				\$ 73,000.00
Subtotal				\$ 200,625.85
Contingency				\$ 40,125.17
Total				\$ 240,751.02

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW7

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: Vactor Truck
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 0

- 10. Purpose of Expenditure (check as appropriate):
 - (v) Scheduled replacement
 - (v) Replace worn-out equipment
 - (v) Expanded service
 - () Increased safety
 - () Present equipment obsolete
 - () Reduce personnel time
 - () New operation
 - () Improve procedures, record, etc.

- 11. Estimated Use of Requested Item
 - Days per year: Seasonal
 - Average days per week: 3-5
 - Estimated life in years: 15+

12. Purchase Price	Per Unit	Total
Cost:	\$500,000	\$500,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$500,000	\$500,000

- 13. Replaced Equipment
 - Item:
 - Make: Ford
 - Age:

- 14. Recommended disposal of Replaced Item(s):
 - ___ Sale
 - ___ Possible use by other departments
 - ___ Other (Trade-in)

- 15. Available Aid or Grants (specify): N/A

- 16. Comments:
- 17. Submitted by: Hillary Waite
Stormwater Manager
- 18. Priority: 6



MINUTEMAN TRUCKS, Inc.

2181 Providence Hwy
WALPOLE, MASS. 02081
Tel. 508-668-3112 • 800-225-4808
www.minutemantrucks.com



06/24/19

DATE

SOLD TO:
ADDRESS

TOWN OF BRAINTREE DPW
85 QUINCY AVENUE
BRAINTREE MA 02184

INVOICE NO.

16091

CUST. NO.	STOCK NO.	YEAR - MAKE	MODEL	NEW OR USED	SERIAL NO.	KEY NO.	SALESMAN
8430332	700614	20 INTERNATIO	HV607	NEW	1HTEJTAR8LH040224		LAGAMBINA, D

365336.00

OPTIONAL EQUIPMENT AND ACCESSORIES

GROUP	DESCRIPTION	PRICE
PO #07631	WATER & SEWER DIV	

BRAINTREE WATER & SEWER

Acct. #	P.O. #	COM	AMOUNT
60-01805-6120	7631	20-3 7-17-19	\$ 365,336.00

LIENHOLDER:

Vendor # 16751

LOSS PAYEE:

APP. FOR PAYMT. *[Signature]*

PAYMENT DUE BEFORE

July 24 2019

PRICE OF VEHICLE

OPTIONAL EQUIP. & ACCESS

F. E. T.

SALES TAX

LICENSE AND TITLE

TOTAL CASH PRICE

365336.00

FINANCING

TOTAL TIME PRICE

365336.00

SETTLEMENT:

DEPOSIT

CASH ON DELIVERY

USED VEHICLE

TYPE

SERIAL NO.

PAYMENTS:

NA @ 365336.00

365336.00

TOTAL
Due

365336.00

ORIGINAL

ALWAYS SHOW SERIAL, ENGINE AND KEY NUMBERS

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW8

1. Department: DPW
 2. Sub-Department: Stormwater
 3. Date: 1/10/2022
 4. Contact Person: Hillary Waite
 5. Contact Title: Stormwater Manager
 6. Phone: 781-794-8945
 7. Project Name: Large 6 Wheel Dump Truck with CB Cleaner
 8. Number of Units Requested: 1
 9. Number of Similar Items in Inventory: 2
 10. Purpose of Expenditure (check as appropriate):

- (v) Scheduled replacement
 (v) Replace worn-out equipment
 () Expanded service
 (v) Increased safety
 () Present equipment obsolete
 () Reduce personnel time
 () New operation
 () Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year: Seasonal
 Average days per week:
 Estimated life in years: 15

12. Purchase Price

	Per Unit	Total
Cost:	\$260,000	\$260,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$260,000	\$260,000

13. Replaced Equipment

Item: International Dump Truck
 Make: International
 Age: 28

14. Recommended disposal of Replaced Item(s):

- (v) Sale
 () Possible use by other departments
 () Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

17. Submitted by:

Hillary Waite
 Stormwater Manager

18. Priority:

8

ALLEGIANCE

TRUCKS

MINUTEMAN TRUCKS, INC. DBA ALLEGIANCE TRUCKS
2181 PROVIDENCE HWY WALPOLE, MA 02081

Presented in accordance with awarded contract GBPC 2020 TRUCKS Valid Thru Nov 24 2022

27 January, 2022

Town of Braintree

Ben Hulke

85 Quincy Ave

Braintree MA 02184

781-794-8959

Dump Truck, Bucket Truck etc.....

Option ID	Description	Unit Price
	BASE UNIT AND CHASSIS OPTIONS	
	2022/2023 HV507	
HV 110-3000		\$ 80,982.00
HV 3105	120,000 PSI Severe Duty Frame 10.866"	\$ 576.00
HV 3112	Corrosion Resistant Frame Coating for Single Frame	\$ 498.00
HV 3117	Clean CA 50 Gal Package	\$ 1,252.00
HV 3131	Cummins L9 330 hp @ 1000 ft lbs Torque	\$ 2,633.00
HV 3143	Stainless Steel Oil Pan - Cummins L9	\$ 2,150.00
HV 3146	Horizontal Aftertreatment w/ Vertical Exhaust Outlet	\$ 1,576.00
HV 3147	Polished Aftertreatment Device Cover	\$ 453.00
HV 3149	Engine Compression Brake	\$ 2,182.00
HV 3154	Neutral At Stop	\$ 176.00
HV 3155	Automatic Neutral	\$ 176.00
HV 3161	Aluminum Air Tanks	\$ 478.00
HV 3169	16,000 lb, Capacity Front Axle	\$ 2,044.00
HV 3187	26,000 lb, Capacity Rear Axle w/ Cast Brake Shoes	\$ 3,401.00
HV 3192	Full Lock Rear Differential Single Axle	\$ 795.00
HV 3198	31,000 lb, Rear Suspension ILO 23,500 lb, Suspension	\$ 273.00
HV 3218	12R22.5 Tires Per Axle	\$ 1,350.00
HV 3223	Aluminum Wheels 4x2	\$ 1,271.00
HV 3225	Spare Tire & Wheel Each up to 8.25"	\$ 675.00
HV 3232	Premium Dash	\$ 689.00
HV 3233	Premium Interior Package	\$ 422.00
HV 3236	Passenger Seat Toolbox Seat (In Lieu of Fixed/Open)	\$ 297.00
HV 3239	Additional Arm Rest Each	\$ 40.00
HV 3240	Safety Color Seatbelts (Red or Orange)	\$ 35.00
HV 3241	Power Windows / Locks	\$ 258.00
HV 3243	Safety & Convenience Package: Lamp Check; Lights on w/ Wiper; Wiper Save; Brak	\$ 475.00
HV 3244	Plow Light Switch & Harness Prep	\$ 315.00
HV 3245	Exterior Visor Fiberglass or Stainless	\$ 411.00
HV 3246	Fixed Grill	\$ 375.00
HV 3247	Bug/Ember Screen	\$ 278.00
HV 3248	Hood Service Hatch	\$ 478.00
HV 3252	Stainless Tank Straps	\$ 175.00
HV 3258	Power Side Mirrors	\$ 229.00
HV 3259	Heated Windshield	\$ 377.00
HV 3261	Remote Power Module Each	\$ 682.00
HV 3265	Snow Valve	\$ 281.00
HV 3279	Front Tow Hooks Double	\$ 85.00

ALLEGIANCE

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MINUTEMAN TRUCKS, INC. DBA ALLEGIANCE TRUCKS
 2181 PROVIDENCE HWY WALPOLE, MA 02081

Presented in accordance with awarded contract GBPC 2020 TRUCKS Valid Thru Nov 24 2022

27 January, 2022

Town of Braintree

Ben Hulke

85 Quincy Ave

Braintree MA 02184

781-794-8959

Dump Truck, Bucket Truck etc.....

		<i>BODY & EQUIPMENT</i>	
Hydrau	5904	CENTRAL HYDRAULIC SYSTEM, BELT DRIVEN - MEDIUM DUTY APPLICATION	\$ 6,120.00
Toolbo	6300	36" ALUMINUM UNDERBODY TOOL BOX	\$ 740.00
Towing	6310	3/4" REINFORCED PLATE W/ D RINGS AND LIGHT PLUG - PINTLE	\$ 1,122.00
Basin	6919	CATCH BASIN CLEANER	\$ 93,762.00
Basin	6922	10' STAINLESS STEEL DEBRIS BODY	\$ 28,550.00
Hitch /	6439	POWER REVERSE HYDRAULICS W/ CONTROLS	\$ 1,122.00
Hitch /	6400	AMERICAN/FLINK HEAVY DUTY PLOW FRAME WITH LIGHTS AND CONTROL VALVE	\$ 8,160.00
Plow -	6564	AMERICAN/FLINK HEAVY DUTY REVERSE 11' POWER REVERSING PLOW	\$ 16,320.00
Hitch /	6408	QUICK COUPLER ATTACHMENT FOR SNOW PLOW	\$ 1,530.00
Trash	7224	BROOM/ SHOVEL/ SPADE Qty 1	\$ 816.00
Lightin	9024	LED WARNING SYSTEM: FRONT GRILL AND TWO REAR MOUNTED FLASHERS	\$ 1,530.00
Lightin	9026	LED WARNING SYSTEM: TWO FLASHERS MOUNTED IN CAB SHIELD, TWO REAR	\$ 3,060.00
Basin	Misc	Tail Mast Upgrade	\$ 2,000.00
Basin	Misc	15" Orange Peel Bucket	\$ 8,500.00
		SUBTOTAL	\$ 282,175.00
		QUANTITY	1.00
		SUBTOTAL	\$ 282,175.00
		GBPC 2022 Contract Upcharge	\$ 28,247.50
Trade Description:			
Trade Vin:			
PO Total Required		NET DUE	\$ 310,392.50

NEW PO TOTAL REQUIRED (hand write)>>>>

DEALER APPROVAL

TOWN APPROVAL / PO NUMBER



OPERATIONAL SERVICES DIVISION

VEH110 Quote Form: Vendor Response

Cells which require input are shaded blue and will turn white when filled. Additional cells are optional.

FOR BIDDING VENDORS: This (Vendor Response) tab must be completed by the bidding vendor and submitted to the purchasing entity. If the bidding vendor would like to submit a separate specification sheet, it must be submitted to the purchasing entity along with this form.

Use one quote form per vehicle specification. Only multiples of the exact same spec'd vehicle can be included on each individual form.
For options/upfits/transfered equipment, each line item must be fully populated.

VENDOR INFORMATION

Company Name:		Town of Braintree
Company Address:		85 Quincy Ave, Braintree MA 02184
Name of Company Contact:		Ben Hulke
Contact Phone:		781-794-8959
Contact Email:		bhulke@braintreema.gov
Date of Quote:	1/27/2022	Order By Date:
Quote Number:		

VEHICLE SPECIFICATIONS // INFORMATION

VEH110 Vehicle #: if Applicable:		Vehicle Being Sourced From:		If Sourced from Stock, Stock #:	
Model Year:	2022	Vehicle Offered		Seating Capacity:	3
Make & Model:	Ford F550 4x4	Interior Color and Material:	Other	Exterior Color:	White
Trim Level:	Vynyl	Base Vehicle Contract Price:	\$46,323.98	Quantity of Vehicle Offered:	1
Drive Train:	AWD				
Body Code & Pkg.:	FSH				
Engine Details:	6.7L Diesel				
Engine Designation:	Internal Combustion Engine				

ADDED DISCOUNTS // INCENTIVES // CREDITS (PER VEHICLE)

Grants	\$0.00	Total Additional Incentives:	\$0.00
Tax Credits/Rebates	\$0.00		
Promo. Discounts	\$0.00		
Volume Discounts	\$0.00		

ORDER & DELIVERY TIME LINE // DELIVERY LOCATION // TRADE-IN INFORMATION

MY Order Bank Status/Open Date:	12/20/2021	MY Production Status/Dates:	May-22
Vehicle Lead Time from OEM to Dealer:	180	Upfit/Transfer Lead Time at Dealer:	2
Vehicle Lead Time at Sub-Contractor:	90	TOTAL Order to Delivery Lead Time:	270
Delivery Location (from Dealer to Purchaser):	Braintree DPW		
Delivery Fee (ONLY applies when delivery location is outside mainland MA):	\$0.00		

Trade-ins May be Allowed to Reduce Acquisition Cost, Based on Applicable Procurement Regulations (not allowed for Executive Branch purchasers):

Trade-In Details (Year, Make, Model):		Trade-In Value:	
---------------------------------------	--	-----------------	--

PRICE SUMMARY

Per Vehicle, Contract Base Price:	\$46,323.98	Per Vehicle, as noted in the applicable sections:	
Total Additional Incentives:	\$0.00	Total Factory Options:	\$6,567.81
Trade In Value, if applicable:	\$0.00	Total Upfit/Transfer/Delivery:	\$154,386.67
TOTAL COST PER VEHICLE: (including all add-ons and incentives)	\$207,278.46	QUANTITY:	1

Based on Pricing, Contract Language Requires Three Quotes be Solicited

TOTAL PURCHASE PRICE (if move forward with PO): \$207,278.46

TOTAL

ADDED FACTORY (OEM) OPTIONS AND PACKAGES (PER VEHICLE)				
Quantity per Vehicle:	Factory Code:	Option / Accessory Description:	Price Per Unit (Cost Plus):	Total Per Vehicle:
1	F5H	Base Vehicle (F5H)	\$42,305.00	\$46,323.98
1	660A	Order Code 660A	\$0.00	\$0.00
1	99T	Engine: 6.7L AV OHV Power Stroke V8 Turbo Diesel B20	\$8,299.00	\$9,087.41
1	44G	Transmission: 10-Speed Automatic	\$0.00	\$0.00
1	X8L	Limited Slip w/ 4.88 Ratio	\$320.00	\$350.40
1	68M	GVWR: 19,500lb Payload Plus Upgrade Package	\$1,028.00	\$1,125.66
1	T6M	Tires: .225/70R18 56 (4-Traction Rear with 2-A/P tires on Front)	\$169.00	\$185.06
1	64Z	Wheels: 19.5" x 6" Argent Painted Steel	\$0.00	\$0.00
1	A	HD Vinyl 40/20/40 Split Bench Seat	\$0.00	\$0.00
1	169WB	169" Wheelbase	\$0.00	\$0.00
1	18B	Platform Running Boards	\$285.00	\$312.08
1	STD RD	Radio: AM/FM w/ MP3 Player Includes Sync	\$0.00	\$0.00
1	41H	Engine Block Heater	\$89.00	\$97.46
1	41P	Transfer Skid Plates	\$89.00	\$97.46
1	43B	Fixed Rear Window w/ Defrost	\$53.00	\$58.04
1	43C	110/400W Outlet	\$156.00	\$170.82
1	61L	Front Wheel Well Liners	\$160.00	\$175.20
1	63A	Utility Lighting System	\$142.00	\$155.49
1	67P	Extra Heavy Duty Front Suspension 7,500lbs	\$125.00	\$136.88
1	96V	XL Value Package Chrome Bumper Cruise Control	\$352.00	\$385.44
1	90L	Power Equipment Group: Power Windows, Power Lock with Remote Entry	\$814.00	\$891.33
1	67P	Extra Heavy Duty Front Suspension 7,500lbs	\$254.00	\$278.13
1	62R	Transmission Power Take Off Provisions	\$0.00	\$0.00
1	86M	Dual 78 AH Battery	\$0.00	\$111.69
1	67B	397 Amp Alternators	\$102.00	\$628.53
1	54L	Folding Trailer-Tow Mirrors	\$574.00	\$164.25
1	76C	Exterior Back Up Alarm	\$150.00	\$0.00
1	924	Privacy Glass	\$0.00	\$0.00
1	Z1	Exterior Color: Atlas Blue	\$0.00	\$0.00
1	Destination	Destination Charge	\$1,695.00	\$1,856.03
			Factory Options Total (per vehicle):	\$62,591.30
ADDED ACCESSORIES / UPFIT / TRANSFER OF EQUIPMENT (PER VEHICLE)				
Quantity per Vehicle:	Supplier Brand / Part Code:	Option / Accessory Description:	Price Per Unit (Cost Plus):	Total Per Vehicle:
1	CB 920	Install CB920 Per Spec Town of Braintree	\$142,789.00	\$147,072.67
1	Fisher Plow	Install Fisher Plow	\$6,900.00	\$7,314.00
			Accessories / Upfit / Transfer Total (per vehicle):	\$154,386.67

OTHER TERMS (NOT TO CONFLICT WITH ANY TERM ON VEH110)

Current Ford Factory Fleet Discounts is Zero, however at Time of delivery if Ford discounts are reestablished for Fleet those discounts will be applied at time of Invoicing to the City of Waltham.

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW9

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: Catch Basin Debris Removal
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 0

- 10. Purpose of Expenditure (check as appropriate):
 - Scheduled replacement
 - Replace worn-out equipment
 - Expanded service
 - Increased safety
 - Present equipment obsolete
 - Reduce personnel time
 - New operation
 - Improve procedures, record, etc.

- 11. Estimated Use of Requested Item
 - Days per year:
 - Average days per week:
 - Estimated life in years:

	Per Unit	Total
12. Purchase Price		
Cost:	\$40,000	\$40,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$40,000	\$40,000

- 13. Replaced Equipment
 - Item:
 - Make:
 - Age:

- 14. Recommended disposal of Replaced Item(s):
 - Sale
 - Possible use by other departments
 - Other (Trade-in)

- 15. Available Aid or Grants (specify): N/A

- 16. Comments: Includes removal and MassDEP-compliant disposal of catch basin cleanings (sediment, heavy metals, etc.)

- 17. Submitted by: Hillary Waite
Stormwater Manager

- 18. Priority: 9

ALLEGIANCE

TRUCKS

MINUTEMAN TRUCKS, INC. DBA ALLEGIANCE TRUCKS
2181 PROVIDENCE HWY WALPOLE, MA 02081

Presented in accordance with awarded contract GBPC 2020 TRUCKS Valid Thru Nov 24 2022

27 January, 2022

Town of Braintree

Ben Hulke

85 Quincy Ave

Braintree MA 02184

781-794-8959

Dump Truck, Bucket Truck etc.....

Option ID	Description	Unit Price
	BASE UNIT AND CHASSIS OPTIONS	
	2022/2023 HV507	
HV 110-3000		\$ 80,982.00
HV 3105	120,000 PSI Severe Duty Frame 10.866"	\$ 576.00
HV 3112	Corrosion Resistant Frame Coating for Single Frame	\$ 498.00
HV 3117	Clean CA 50 Gal Package	\$ 1,252.00
HV 3131	Cummins L9 330 hp @ 1000 ft lbs Torque	\$ 2,633.00
HV 3143	Stainless Steel Oil Pan - Cummins L9	\$ 2,150.00
HV 3146	Horizontal Aftertreatment w/ Vertical Exhaust Outlet	\$ 1,576.00
HV 3147	Polished Aftertreatment Device Cover	\$ 453.00
HV 3149	Engine Compression Brake	\$ 2,182.00
HV 3154	Neutral At Stop	\$ 176.00
HV 3155	Automatic Neutral	\$ 176.00
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HV 3233	Premium Interior Package	\$ 422.00
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HV 3246	Fixed Grill	\$ 375.00
HV 3247	Bug/Ember Screen	\$ 278.00
HV 3248	Hood Service Hatch	\$ 478.00
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HV 3265	Snow Valve	\$ 281.00
HV 3279	Front Tow Hooks Double	\$ 85.00

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Ben Hulke

85 Quincy Ave

Braintree MA 02184

781-794-8959

Dump Truck, Bucket Truck etc.....

		<i>BODY & EQUIPMENT</i>	
Hydrau	5904	CENTRAL HYDRAULIC SYSTEM, BELT DRIVEN - MEDIUM DUTY APPLICATION	\$ 6,120.00
Toolbo	6300	36" ALUMINUM UNDERBODY TOOL BOX	\$ 740.00
Towing	6310	3/4" REINFORCED PLATE W/ D RINGS AND LIGHT PLUG - PINTLE	\$ 1,122.00
Basin	6919	CATCH BASIN CLEANER	\$ 93,762.00
Basin	6922	10' STAINLESS STEEL DEBRIS BODY	\$ 28,550.00
Hitch /	6439	POWER REVERSE HYDRAULICS W/ CONTROLS	\$ 1,122.00
Hitch /	6400	AMERICAN/FLINK HEAVY DUTY PLOW FRAME WITH LIGHTS AND CONTROL VALVE	\$ 8,160.00
Plow -	6564	AMERICAN/FLINK HEAVY DUTY REVERSE 11' POWER REVERSING PLOW	\$ 16,320.00
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Trash	7224	BROOM/ SHOVEL/ SPADE Qty 1	\$ 816.00
Lightin	9024	LED WARNING SYSTEM: FRONT GRILL AND TWO REAR MOUNTED FLASHERS	\$ 1,530.00
Lightin	9026	LED WARNING SYSTEM: TWO FLASHERS MOUNTED IN CAB SHIELD, TWO REAR	\$ 3,060.00
Basin	Misc	Tail Mast Upgrade	\$ 2,000.00
Basin	Misc	15" Orange Peel Bucket	\$ 8,500.00
		SUBTOTAL	\$ 282,175.00
		<i>QUANTITY</i>	<i>1.00</i>
		SUBTOTAL	\$ 282,175.00
		GBPC 2022 Contract Upcharge	\$ 28,247.50
Trade Description:			
Trade Vin:			
PO Total Required		NET DUE	\$ 310,392.50

NEW PO TOTAL REQUIRED (hand write)>>>>

DEALER APPROVAL

TOWN APPROVAL / PO NUMBER

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW10

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: Elgin Street Sweeper
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 2

- 10. Purpose of Expenditure (check as appropriate):
 - (v) Scheduled replacement
 - (v) Replace worn-out equipment
 - () Expanded service
 - (v) Increased safety
 - () Present equipment obsolete
 - () Reduce personnel time
 - () New operation
 - () Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year: Seasonal
 Average days per week:
 Estimated life in years: 10

12. Purchase Price

	Per Unit	Total
Cost:	\$260,000	\$260,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$260,000	\$260,000

13. Replaced Equipment

Item:
 Make: Elgin
 Age:

- 14. Recommended disposal of Replaced Item(s):
 - v Sale
 - Possible use by other departments
 - Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

17. Submitted by:

Hillary Waite
 Stormwater Manager

18. Priority:

10

Street Sweeper

Pricing Pages		
Proposer: C.N. Wood Co., Inc.		
Manufacturer: Elgin Sweeper Company		
Description: 2019 or Current Model Year Street Sweepers and Equipment		
January 1, 2019		
Item #	Description	Unit Price
Base Models		
1120847	Street Sweeper Model: Elgin Pelican NP - Dual Drive - Dual Gutter Brooms	\$ 204,250.00
5801138	Street Sweeper Model: Elgin Broom Badger mounted on Isuzu NRR 19,000# GVWR Chassis / Dual Gutter Brooms / LH Drive	\$ 200,093.00
Equipment - Elgin Pelican		
Item #	Description	Unit Price
---ADDITIONAL MANUALS---		
701443	PELICAN OPERATORS MANUAL	\$55.00
702261	PELICAN PARTS BOOK	\$95.00
702453	PELICAN SERVICE	\$95.00
704046	JOHN DEERE OPERATORS MANUAL	\$55.00
704047	JOHN DEERE PARTS BOOK	\$100.00
704048	JOHN DEERE SERVICE	\$180.00
-----ALARMS-----		
1089339	SMART BACK UP ALARM	\$290.00
1089728	GROTE LOUD MOUTH BACKUP ALARM	\$290.00
-----AUTOLUBE-----		
1087668	AUTOLUBE - DUAL	\$6,405.00
-----AUTO SHUTDOWN-----		
1087563	HYDRAULIC LEVEL SHUTDOWN	\$185.00
1089429	HYDRAULIC LEVEL & TEMPERATURE SHUTDOWN	\$365.00
1120854	HYDRAULIC TEMPERATURE SHUTDOWN	\$185.00
-----BROOMS-----		
1015558	EXTRA SET SIDE BROOM SEGMENT, FILLED	\$255.00
1087976	STRIP BROOM 66" URB	\$920.00
1088008	MAIN BROOM CORE ONLY	-\$104.00
1088800	50/50 POLYWIRED MAINBROOM	\$920.00
1089518	DEDUCT MAIN BROOM & CORE	-\$296.00
1081361	URB STRIP BROOM - CENTER SWEEP	\$920.00
1094877	ALUMINUM SIDE BROOM SEGMENT PER SIDE	\$660.00
1094878	POLY/POLY SIDE BROOM SET	\$135.00
1118360	DOUBLE WRAP MAIN BROOM (ILO STD)	\$1,040.00
----CONVEYOR/ELEVATOR----		
1124786	CONVEYOR STALL ALARM	\$735.00
1087575	LOWER ROLLER DEFLECTOR	\$510.00
1120820	CONVEYOR CLEANOUT	\$515.00
-----GAUGES-----		
1087539	MAINBROOM ODOMETER/HOUR METER	\$395.00
1088958	LOOSE CHARGE PRESSURE GAUGE	\$315.00
1120827	IN CAB AIR RESTRICTION GAUGE	\$380.00
----LIFELINER SYSTEM / EPOXY COATING----		
1092236	LIFELINER HOPPER SYSTEM W/WARRANTY	\$4,070.00
-----LIGHTS-----		
1087873	LED CLEARANCE LIGHTS	\$270.00
1120770	LED ALTERNATING & FLASHING LIGHTS IN BATTERY COVER	\$1,190.00
1120744	(2) LED REAR FLOODS & BACKUP LIGHTS	\$600.00
1120840	LED RIGHT HAND SEAL BEAM WORK LIGHT	\$310.00
1120841	LED RIGHT HAND & LEFT HAND SEAL BEAM WORK LIGHTS	\$610.00
1101214	(2) CAB FORWARD FACING FLOOD LIGHTS WITH LIGHT BAR	\$440.00
1101215	(2) CAB FORWARD FACING FLOOD LIGHTS WITHOUT LIGHT BAR	\$730.00
1114404	(2) CAB FORWARD FACING LED FLOOD LIGHTS WITH LIGHT BAR	\$1,130.00
1114405	(2) CAB FORWARD FACING LED FLOOD LIGHTS WITHOUT LIGHT BAR	\$1,455.00
1101273	LED STOP/TAIL/TURN	\$367.00
1101318	PACKAGE 5: ONE LED STROBE W/ GUARD	\$980.00
1101319	PACKAGE 6: TWO LED STROBES W/ GUARD	\$1,715.00

1101320	PACKAGE 7: PACKAGE 6 + FOUR ROOF MOUNTED SWEEP FLASHERS LED STOP/TAI/TURN MUST BE ORDERED WITH THIS PACKAGE	\$2,295.00
1101321	PACKAGE 8: PACKAGE 7 + LED FRONT ID LIGHTS AND REAR LED ARROWSTICK LED STOP/TAI/TURN MUST BE ORDERED WITH THIS PACKAGE	\$3,805.00
1101322	PACKAGE 9: REAR LIGHT MOUNTING RAIL ONLY	\$680.00
1101323	PACKAGE 10: FRONT LIGHT MOUNTING RAIL ONLY	\$680.00
1101324	PACKAGE 11: REAR LIGHT MOUNTING RAIL AND WIRE/MOUNT/GUARD FOR 1 LIGHT	\$750.00
1101325	PACKAGE 12: REAR LIGHT MOUNTING RAIL AND WIRE/MOUNT/GUARD FOR 2 LIGHTS	\$1,250.00
1101326	PACKAGE 13: LED ARROWSTICK (ONLY)	\$1,670.00
1105084	PACKAGE 14: LED ARROWSTICK (USE WITH PACKAGE'S 1, 2, 3, 5, 6, 7)	\$1,870.00
-----PELICAN OPTIONS-----		
NP-WLESS	WATERLESS DUST CONTROL SYSTEM	\$44,055.00
1120933	RH DRIVE / RH GUTTER BROOM ONLY	\$5,175.00
1042010	WATER FILL HOSE QUICK DISCONNECT	\$530.00
1125550	LICENSE PLATE HOLDER - FRONT & REAR	\$220.00
1087541	LOCKING ENGINE COMPARTMENT	\$230.00
1087805	CARBIDE DIRT SHOES	\$1,120.00
1087981	RED LOGO/SWOOSH	\$0.00
1087982	WHITE LOGO/SWOOSH	\$0.00
1122929	SHIP DECALS AND SWOOSH LOOSE IN HOPPER	\$0.00
1087995	25' WATER FILL HOSE (ILO 16" 8")	\$205.00
1097387	GREASABLE DIRT SHOES	\$100.00
1123318	SLIDING REAR WINDOW	\$915.00
1123322	STEEL RIGHT HAND DOOR W/ SLIDING WINDOW	\$3,250.00
1123320	STEEL RIGHT & LEFT HAND DOOR W/ SLIDING WINDOW	\$4,650.00
1123323	STEEL RIGHT HAND DOOR	\$1,875.00
1123321	STEEL RIGHT & LEFT HAND DOOR	\$3,740.00
1100256	RADIO INSTALL, PACKAGE W/O RADIO	\$390.00
1101017	LEFT HAND AND RIGHT HAND "WEST COAST" STYLE MIRRORS HEATED & MOTORIZED. (DOES NOT HEAT OR MOTORIZED HOPPER CONVEX MIRRORS)	\$1,285.00
1124183	HEAVY DUTY DUAL LIMB GUARDS	\$2,305.00
1124182	HEAVY DUTY LIMB GUARD LEFTHAND ONLY	\$1,270.00
1124181	HEAVY DUTY LIMB GUARD RIGHT HAND ONLY	\$1,270.00
1101066	ASHTRAY & LIGHTER	\$245.00
1101244	AM/FM RADIO WITH CD & 2 MAP LIGHTS	\$800.00
1106698	GREASABLE CARBIDE DIRT SHOES	\$1,360.00
6063004	ADDITIONAL IGNITION KEY	\$47.00
1120655	25' WASHDOWN SYSTEM	\$975.00
-----REFLECTORS-----		
1087538	REFLECTOR (ARMOURED), SET OF 6	\$160.00
-----SIDE BROOM TILT-----		
1089502	LEFT HAND SIDEBROOM TILT WITH INDICATOR	\$1,945.00
1089503	RIGHT HAND SIDEBROOM TILT WITH INDICATOR	\$1,945.00
-----SEATS-----		
1087555	RIGHT HAND BOSTROM AIR RIDE MID BACK CLOTH	\$1,015.00
1087556	LEFT HAND BOSTROM AIR RIDE MID BACK CLOTH	\$1,015.00
1088301	RIGHT HAND BOSTROM AIR RIDE HI BACK CLOTH	\$1,015.00
1088302	LEFT HAND BOSTROM AIR RIDE HI BACK CLOTH	\$1,015.00
1089316	RIGHT HAND BOSTROM AIR RIDE MID BACK - VINYL	\$1,015.00
1089317	LEFT HAND BOSTROM AIR RIDE MID BACK - VINYL	\$1,015.00
1089510	LEFT HAND MAGNUM STANDARD SEAT	\$890.00
1091686	LEFT HAND BOSTROM MID-BACK CLOTH	\$1,690.00
1093157	HEADREST FOR MAGNUM STD SEAT	\$425.00
-----SAFETY-----		
1087559	(1) 2 1/2 LB. FIRE EXTINGUISHER	\$225.00
1088661	(2) 2 1/2 LB. FIRE EXTINGUISHER	\$445.00
1092020	REMOVE REAR CAMERA	\$0.00
1101067	LEFT HAND SIDE CAMERA	\$555.00
1122587	RIGHT HAND SIDE CAMERA	\$555.00
9308848	TRIANGLE REFLECTIVE FLARES (3)	\$90.00

-----SWEEPER ENGINE-----		
1121383	BLOCK HEATER	\$465.00
1120838	PREMIUM RADIATOR/HEATER HOSES	\$295.00
1127329	COLD WEATHER START AIDE	\$575.00
1087562	ENGINE PRE-CLEANER	\$440.00
1087675	BATTERY DISCONNECT SWITCH	\$195.00
1089774	MAGNETIC DRAIN PLUG	\$170.00
1120874	ENGINE COOLANT FILTER	\$525.00
-----TIRES/WHEELS-----		
1101068	SPARE DRIVE WHEEL PAINTED GREY	\$675.00
1101069	SPARE GUIDE WHEEL PAINTED GREY	\$615.00
1101669	SPARE DRIVE WHEEL PAINTED GREY & TIRE (16 PLY)	\$1,215.00
1120585	SPARE GUIDE WHEEL PAINTED GREY & TIRE (16 PLY)	\$960.00
-----TOOLS-----		
1036150	HYDRANT WRENCH	\$100.00
1049145	LUG WRENCH	\$385.00
1089549	RIGHT HAND LOCKABLE TOOLBOX W/HOSE BASKET W/O WASH-DOWN SYSTEM	\$1,070.00
1121064	LEFT HAND LOCKABLE TOOL BOX	\$1,070.00
1090342	TOOL KIT (NO TOOL BOX)	\$650.00
1090584	MECHANICAL JACK RATCHET	\$1,500.00
-----PAINT-----		
4810091	STANDARD WHITE	\$0.00
4811018	RAL 1018 ZINC YELLOW	\$525.00
4811023	RAL 1023 TRAFFIC YELLOW	\$525.00
4811037	RAL 1037 SUN YELLOW	\$525.00
4813020	RAL 3020 TRAFFIC RED	\$525.00
RAL Color	PAINT SWEEPER ANY OTHER RAL COLOR	\$1,285.00
Non RAL	PAINT SWEEPER NON RAL COLOR	\$3,880.00
-----FREIGHT RATES-----		
FRT-101-004	FREIGHT-NH,VT,ME	\$3,595.00
FRT-101-013	FREIGHT - RI,DE,CT,NJ,MA	\$2,740.00
-----WARRANTY-----		
EW-NP-NA-2PL	PELICAN NP 2ND YEAR PARTS/LABOR	\$3,430.00
EW-NP-NA-3PL	PELICAN NP 3RD YEAR PARTS/LABOR	\$5,040.00
EW-NP-NA-4PL	PELICAN NP 4TH YEAR PARTS/LABOR	\$6,260.00
EW-NP-NA-5PL	PELICAN NP 5TH YEAR PARTS/LABOR	\$11,640.00
Equipment - Elgin Broom Badger		
5801115	DUALIZATION FOR ISUZU CHASSIS	\$12,600
-----BROOMS-----		
5801104	STRIP MAIN BROOM ILO STD	\$650.00
-----HOPPER-----		
5801128	STAINLESS STEEL HOPPER	\$6,000.00
-----LIGHTS-----		
5801103	AMBER STROBE MOUNTED DIRECTLY BEHIND TRUCK CAB, VISIBLE FROM IN FRONT OF THE TRUCK	\$440.00
5801105	REAR MOUNTED LED LIGHTBAR	\$1,875.00
5801113	SECOND AMBER REAR STROBE MOUNTED ON THE CURBSIDE IN ADDITION TO THE STANDARD STREET SIDE AMBER STROBE	\$325.00
5801126	REAR LED TAIL LIGHTS (INCLUDES STOP, BACKUP, TURN AND TAIL)	\$540.00
-----MANUALS-----		
0701669	ADDITIONAL BROOM BADGER OPERATORS MANUAL	\$85.00
0702459	BROOM BADGER SERVICE MANUAL	\$235.00
0702230	BROOM BADGER PARTS MANUAL	\$175.00
-----WATER SYSTEM-----		
5801107	CONVEYOR FLUSHER	\$1,150.00
-----WARRANTY-----		
EW-MECH-NA-2PL	SECOND YEAR WARRANTY PARTS/LABOR SWEEPER MODULE ONLY (EXCL. AUX ENG)	\$5,870
EW-MECH-NA-3PL	THIRD YEAR WARRANTY PARTS/LABOR SWEEPER MODULE ONLY (EXCL. AUX ENG)	\$11,110
Equipment - Training		
FACTORY TRAINING	FACTORY TECHNICAL TRAINING - 3 DAYS / AIR FARE & HOTEL ACCOMODATIONS NOT INCLUDED	NO CHARGE

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW11

- 1. Department: DPW
- 2. Sub-Department: Stormwater
- 3. Date: 1/10/2022
- 4. Contact Person: Hillary Waite
- 5. Contact Title: Stormwater Manager
- 6. Phone: 781-794-8945
- 7. Project Name: Skidsteer
- 8. Number of Units Requested: 1
- 9. Number of Similar Items in Inventory: 1

- 10. Purpose of Expenditure (check as appropriate):
 - (v) Scheduled replacement
 - (v) Replace worn-out equipment
 - () Expanded service
 - (v) Increased safety
 - () Present equipment obsolete
 - () Reduce personnel time
 - () New operation
 - () Improve procedures, record, etc.

- 11. Estimated Use of Requested Item
 - Days per year: Year-round
 - Average days per week:
 - Estimated life in years:

12. Purchase Price	Per Unit	Total
Cost:	\$90,000	\$90,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$90,000	\$90,000

- 13. Replaced Equipment
 - Item: Skidsteer
 - Make: Cat 299
 - Age: 16

- 14. Recommended disposal of Replaced Item(s):
 - v Sale
 - ___ Possible use by other departments
 - ___ Other (Trade-in)

- 15. Available Aid or Grants (specify): N/A

16. Comments:

- 17. Submitted by: Hillary Waite
Stormwater Manager

- 18. Priority: 11

Skid Steer

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Pricing Proposal Form

GBPCI BAPERB GBC 2019 Heavy and Medium Duty Public Works Construction Equipment

Proposal Due Date: Wednesday, April 26, 2019 at 4:00 p.m.

Pricing Type: Sale and Lease to Purchase

Respondent: Southworth-Milton, Inc. dba Milton Cat

Item #	Model Year	Manufacturer	Model/Item	Description	Unit Price	Lease Option (5 year multi-lease, annual payments \$1 buyout, see attached support docs)
908M	2019 Cat	908M	908M	Compact Wheel loader	\$ 92,900.00	\$22,000 per year or less- 5 years-\$1 buyout
261-1425	2019 Cat		48" Pallet Fork	48" Pallet Forks for 908M	\$ 3,500.00	N/A
918M	2019 Cat	918M	918M	Small Wheel Loader	\$ 127,900.00	\$30,000 per year or less- 5 years-\$1 buyout
926M	2019 Cat	926M	926M	Small Wheel Loader	\$ 142,900.00	\$33,300 per year or less- 5 years-\$1 buyout
930M	2019 Cat	930M	930M	Small Wheel Loader	\$ 155,900.00	\$36,500 per year or less- 5 years-\$1 buyout
938M	2019 Cat	938M	938M	Small Wheel Loader	\$ 179,900.00	\$42,000 per year or less- 5 years-\$1 buyout
345-2417	2019 Cat		60" Pallet Fork	60" Pallet Forks for 926M, 930M, 938M	\$ 3,900.00	N/A
360-3300	2019 Cat		MH Arm	Material Handling Arm for 926M, 930M, 938M	\$ 3,900.00	N/A
XSNOPUS	2019 Cat		Michelin Sno plus tires	upgrade 926M, 930M, 938M to Michelin Snow tires	add \$9,000	N/A
950M	2019 Cat	950M	950M	Medium Wheel Loader	\$ 264,900.00	\$62,000 per year or less- 5 years-\$1 buyout
520-7957	2019 Cat		HD Construction Forks	72" Construction Forks	\$ 11,996.00	N/A
420F2	2019 Cat		420F2	Backhoe	\$ 109,900.00	\$26,000 per year or less- 5 years-\$1 buyout
440	2019 Cat		440	Backhoe	\$ 120,900.00	\$29,000 per year or less- 5 years-\$1 buyout
151-5335	2019 Cat		48" Pallet Fork	48" Pallet Forks for 420, 440	\$ 3,900.00	N/A
Road Tire	2019 Cat		Road Tires	upgrade 420, 440 to road surface tires	add \$3,000	N/A
M314F	2019 Cat	M314F	M314F	Wheeled Excavator	\$ 194,900.00	\$45,000 per year or less- 5 years-\$1 buyout
303.5	2019 Cat	303.5	303.5	Mini Excavator	\$ 52,900.00	\$12,500 per year or less- 5 years-\$1 buyout
304	2019 Cat	304	304	Mini Excavator	\$ 56,900.00	\$13,500 per year or less- 5 years-\$1 buyout
305	2019 Cat	305	305	Mini Excavator	\$ 62,900.00	\$14,750 per year or less- 5 years-\$1 buyout
305.5	2019 Cat	305.5	305.5	Mini Excavator	\$ 68,900.00	\$16,500 per year or less- 5 years-\$1 buyout
48" DC GB	2019 Cat		48" DC GB	Tilting grading bucket	\$ 5,900.00	N/A
232	2019 Cat		232	Skid Steer	\$ 43,900.00	\$9,900 per year or less- 5 years-\$1 buyout
242	2019 Cat		242	Skid Steer	\$ 47,900.00	\$11,000 per year or less- 5 years-\$1 buyout
262	2019 Cat		262	Skid Steer	\$ 52,900.00	\$12,500 per year or less- 5 years-\$1 buyout
239	2019 Cat		239	Track Skid Steer	\$ 47,900.00	\$11,000 per year or less- 5 years-\$1 buyout
259	2019 Cat		259	Track Skid Steer	\$ 58,900.00	\$14,000 per year or less- 5 years-\$1 buyout
299	2019 Cat		299	Track Skid Steer	\$ 84,900.00	\$20,000 per year or less- 5 years-\$1 buyout
High Flow	2019 Cat		HF hydraulics kit	upgrade 232, 242, 262, 239, 259	add \$3500	N/A
353-1697	2019 Cat		48" Forks	Skid steer mounted forks	\$ 990.00	N/A
120M	2019 Cat		120M AWD	Motor Grader	\$ 240,900.00	\$58,000 per year or less- 5 years-\$1 buyout

Town of Braintree
Department of Public Works: Stormwater
Capital Equipment Purchase Request Form
Schedule G-1 Capital Equipment
Fiscal Year 2022-Reference SW12

1. Department: DPW
2. Sub-Department: Stormwater
3. Date: 1/10/2022
4. Contact Person: Hillary Waite
5. Contact Title: Stormwater Manager
6. Phone: 781-794-8945
7. Project Name: 5-7 ton dump truck with plow and sander
8. Number of Units Requested: 1
9. Number of Similar Items in Inventory: 2
10. Purpose of Expenditure (check as appropriate):

- (v) Scheduled replacement
 (v) Replace worn-out equipment
 () Expanded service
 (v) Increased safety
 () Present equipment obsolete
 () Reduce personnel time
 () New operation
 () Improve procedures, record, etc.

11. Estimated Use of Requested Item

Days per year: Seasonal
Average days per week:
Estimated life in years: 15

12. Purchase Price

	Per Unit	Total
Cost:	\$160,000	\$160,000
Plus Installation or other costs:	\$0	\$0
Less Trade-in/other discounts:	\$0	\$0
Net Purchase:	\$160,000	\$160,000

13. Replaced Equipment

Item: International Dump Truck
Make: International
Age: 28

14. Recommended disposal of Replaced Item(s):

- (v) Sale
 () Possible use by other departments
 () Other (Trade-in)

15. Available Aid or Grants (specify):

N/A

16. Comments:

17. Submitted by:

Hillary Waite
Stormwater Manager

18. Priority:

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