



*City of Bristol
Board of Fire Commissioners*

INFORMATION TO ACCESS THIS MEETING

<https://bristolct-gov.zoom.us/j/81007183634?pwd=N2hOQkw5WTk4MHBueGdWUEN3V1paQT09>

*Meeting ID: 810 0718 3634
Passcode: 303484*

The regular Board of Fire Commissioners will be held on Thursday, August 22, 2024, at 6:30 pm. in Council Chambers, 111 North Main Street, Bristol, Connecticut.

AGENDA

1. Call to Order
2. Employee Recognition
 - a. Appointment of Probationary Firefighter James Pavelchak
3. Public Participation
4. Communications
 - a. Request for retirement from Deputy Chief David Simard
5. Approval of Minutes
 - a. July 25, 2024 Meeting Minutes
 - b. August 12, 2024 Special Meeting Minutes
6. Approval of Monthly Reports
 - a. Chief's Report
 - b. July Monthly Reports
7. Committee Reports
 - a. Fire Station 3 Building Committee Update

8. New Business

- a. Board of Finance Transfer Request \$352,970.00
- b. Board of Finance Carry-over Request \$16,680.00

9. Adjournment

PER ORDER OF THE CHAIRPERSON

Board of Fire Commissioners' Regular Meeting

July 25, 2024

A Regular Meeting of the Board of Fire Commissioners was held on Thursday, July 25, 2024 at 6:00 p.m., in Meeting Room 3-1, City Hall, 111 N Main Street Bristol, CT

Present: Commissioners Sean Moore, Anthony Benvenuto, Hal Kilby, Dana Jandreau and Joyce Ptak, Mayor Jeffrey Caggiano, and Fire Chief Richard Hart.

1. CALL TO ORDER

- a. The meeting was called to order by Commissioner Moore at 6:03 pm.

2. EMPLOYEE RECOGNITION

- a. None.

3. PUBLIC PARTICIPATION

- a. None.

4. COMMUNICATIONS

- a. A thank you note from Sandy Bogdanski was received for the city and department's support.

5. APPROVAL OF MEETING MINUTES

- a. On motion of Commissioner Jandreau and seconded by Commissioner Kilby, it was voted: To approve the May 23, 2024 Meeting Minutes. Following a voice vote in which there was no opposition, the Chairperson declared the motion carried.

6. APPROVAL OF MONTHLY REPORTS

- a. Chief Hart gave an overview of the monthly reports.
- b. On motion of Commissioner Jandreau and seconded by Commissioner Kilby, it was voted: To accept the June Monthly Reports. Following a voice vote in which there was no opposition, the Chairperson declared the motion carried.

7. COMMITTEE REPORTS

- a. A summary of the Fire House 3 Building Committee Report was given by Commissioner Moore. He advised the committee is awaiting the estimates to be completed and then a special meeting will be held.

8. OLD BUSINESS

- a. None.

9. NEW BUSINESS

- a. None.

10. ADJOURN

- a. On motion of Commissioner Kilby and seconded by Commissioner Jandreau, it was voted: To adjourn the meeting at 6:18 pm. Following a voice vote in which there was no opposition, the Chairperson declared the motion carried.

Recording Secretary: Sara Bianchi

A Special Meeting of the Board of Fire Commissioners was held on Monday, August 12, 2024 at 5:00 p.m., at Fire Headquarters Conference Room 181 N Main Street Bristol, CT

Present: Commissioners Sean Moore, Anthony Benvenuto, Hal Kilby, and Joyce Ptak, and Fire Chief Richard Hart.

1. CALL TO ORDER

- a. The meeting was called to order by Commissioner Moore at 5: 00 p.m.

2. PERSONEL

- a. On motion of Commissioner Kilby seconded by Commissioner Ptak it was unanimously voted: To accept to appoint James Pavelchak as Firefighter contingent upon successful completion of the pre-employment process.

3. ADJOURN

- a. On motion of Commissioner Kilby and seconded by Commissioner Ptak, it was unanimously voted: To adjourn at 5:05 p.m.



BRISTOL FIRE DEPARTMENT
181 NORTH MAIN ST.
BRISTOL CT

OFFICE OF THE FIRE CHIEF
RICHARD HART
FIRE CHIEF

Fire Chief's July Monthly Report

August 22, 2024

To the Honorable Fire Commissioners;

The month of July saw the BFD respond to 249 calls for service. There were 7 residential structure fires, 7 total structure fires (\$303,351 est. property loss), 1 vehicle fire, 67 EMS, extrication/rescue, and 53 false alarms.

Mutual Aid: 0 given

Employee recognition:

None

Personnel:

2 Firefighters injured at fire on Summer St. One has returned to duty, the other is rehabbing.

Apparatus/equipment:

New engine 5 is scheduled for a November delivery and Engine 1 is scheduled for an April 2025 delivery and the Ladder August 2025. These dates are fluid, but a good indicator

Finalized specifications for 2 engines with Firematic

New combustible gas meters in service to provide better and more accurate leak detection

Stations and Facilities:

Station 3 construction documents completed. The project will go out to bid shortly (2-3 weeks) I hope.

Headquarters' front and rear ramps to be replaced in conjunction with the streetscape construction.



BRISTOL FIRE DEPARTMENT
181 NORTH MAIN ST.
BRISTOL CT

OFFICE OF THE FIRE CHIEF
RICHARD HART
FIRE CHIEF

Meetings and Public Functions:

Met with DOT, Railroad and City engineers regarding Rte. 6 rail crossing repairs. Detours were in place, Department assisted in cooling off the asphalt to expedite reopening of the crossing.

Met with PD to discuss active shooter training and the Fire Department's role in an emergency situation.

Met with DPW engineers to remap and discuss streetscape in front of Headquarters due to apparatus turning radii.

Met with Fire Engineering and First Due to discuss training software. The new Fire Engineering platform allows members to recertify EMR, EMT, and paramedic licenses while on duty and at no cost. There is also company level curriculum officers can reference when training at the company level.

Attended Wheeler Clinic's ribbon cutting ceremony

Miscellaneous:

MDA collecting ongoing in July/August

Companies attended the Southside School BBQ event

Molly visited Bristol Central Special Ed class, will be returning there for the kids.

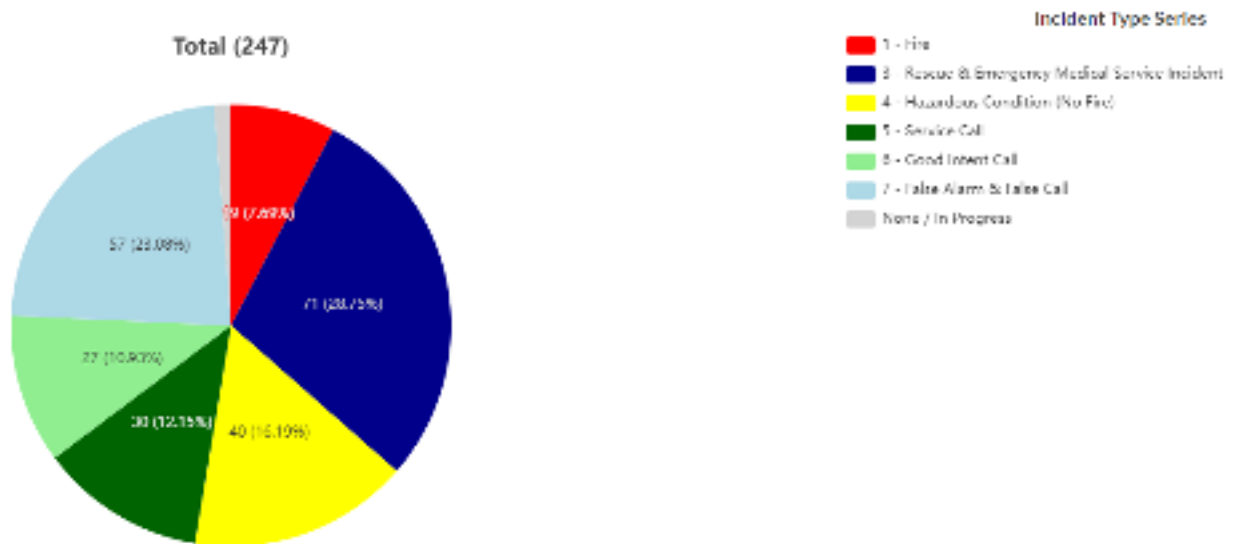
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Richard Hart".

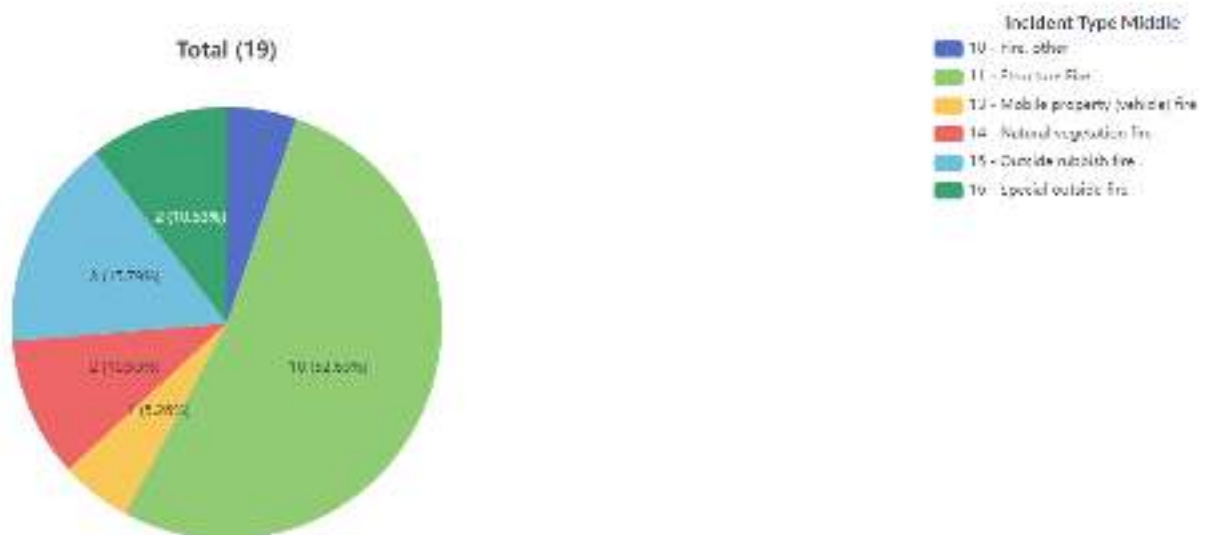
Richard Hart

Fire Chief

	NUMBER OF CIVILIAN FIRE CASUALTIES			ESTIMATED PROPERTY DAMAGE AND CONTENTS FROM FIRE
	NUMBER OF FIRES	DEATHS	INJURIES	
Private Dwellings (1 or 2 family), Including mobile homes	2	0	0	0
Apartments (3 or more families)	5	0	0	125500
Hotels and Motels	0	0	0	0
All Other Residential (dormitories, boarding houses, tents, etc.)	0	0	0	0
TOTAL RESIDENTIAL FIRES	7	0	0	125500
Public Assembly (church, restaurant, clubs, etc.)	0	0	0	0
Schools And Colleges	0	0	0	0
Health Care And Penal Institutions (hospitals, nursing homes, prisons, etc.)	0	0	0	0
Stores And Offices	0	0	0	0
Industry, Utility, Defense, Laboratories, Manufacturing	0	0	0	0
Storage In Structures (barns, vehicle storage garages, general storage, etc.)	1	0	0	170000
Other Structures (outbuildings, bridges, etc.)	0	0	0	0
TOTALS FOR STRUCTURE FIRES	8	0	0	295500
Fires In Highway Vehicles (autos, trucks, buses, etc.)	1	0	0	5250
Fires In Other Vehicles (planes, trains, ships, construction or farm vehicles, etc.)	0	0	0	0
Fires outside of Structures with Value involved, but Not Vehicles (outside storage, crops, timber, etc.)	2	0	0	0
Fires in Brush, Grass, Wildland (excluding crops and timber), with no value involved	0	0		
Fires in Rubbish, Including Dumpsters (outside of structures), with no value involved	2	0		
All Other Fires	3	0	0	2601
TOTALS FOR FIRES	16	0	0	303351
Rescue, Emergency Medical Responses (ambulance, EMS, rescue)	67			
False Alarm Responses (malicious or unintentional false calls, malfunctions, bomb scares)	53			
Mutual Aid Responses Given	0			
Hazardous Materials Responses	7			
Other Hazardous Responses (arcing wires, bomb removal, power line down, etc.)	32			
All Other Responses (smoke scares, lock-outs, animal rescue, etc.)	56			
TOTAL FOR ALL INCIDENTS	231			
	NUMBER OF CONFINED FIRES	NUMBER OF NONCONFINED FIRES		
Residential Fires	4	1		
Structure Fires	0	1		



FIRES



Tower 1

Monthly Report

July 2024

Summary

Tower 1 responded to 82 calls during the month of July. Notable incidents include 2 structure fires and 2 extrications from motor vehicle accidents.

Personnel

Nothing to report.

Apparatus/Equipment

The collision avoidance mapping (for the aerial) on Tower 1 was re-programmed due to a glitch in the programming. This system prevents the aerial from being able to come in contact with the body of the apparatus preventing damage, however if the tolerances are set to broadly, it severely limits the use of the aerial.

Fire Stations/Facilities

A piece of concrete fell from the ceiling in the gear storage room. The area was inspected by Public Works and deemed not a structural issue.

Miscellaneous

Nothing to report.

Respectfully submitted,

James Plaster, Captain



Engine Company 1

July 2024 monthly report

Summary of calls for service

Engine 1 responded to 129 calls for service the past month. These included 3 structure fire, 4 cooking fire, 1 car fire, 3 unauthorized burning complaints, 2 outside trash fires, 2 brush fire, 18 motor vehicle accidents, 1 motor vehicle entrapment, 2 rescue calls, 4 CO investigations, 11 electrical problem investigations, 7 assist PD/EMS, 4 lock out/lock in calls, 1 gas leak investigation, 3 haz mat investigation, 42 alarm investigations, 7 good intent calls, 1 water problem calls, 7 smoke/odor removal, 6 cancelled.

Personnel None at this time.

Apparatus/Equipment. Engine 1 booster hose repaired, Engine 1 A/C unit repaired. Driver seat belt alarm repaired. Air leak in breaking system repaired. SCBA E1-03 repaired and returned to service. Officer and tail end firefighter seat belts fraying, referred to FET for repair.

Fire Station/Facilities. Ceiling in gear storage area found to be spalling near steel beam referred to Dave Oakes. Examination determined not to be structural issue. New weed whacker head to repair weed whacker. PlymoVent for Tower 1 repaired.

Miscellaneous. Driver training done for all drivers at drill field by FF Mike Marek. Two notable structure fires in July. 670 Lake Ave fire inside barn with antique storage. Fire in multistory residential at 272 Summer Street with damage to two nearby homes.

Respectfully submitted.

Captain Thomas Scully

Engine Company 2

Monthly Report

July, 2024

Summary

Station 2 Personnel responded to 53 calls for service and performed 10 company area surveys in July. Again, Engine 2 personnel had a busy month of training and participating in facility tours.

Personnel

July Training:
- Rope and Rope systems

- Ran the boat at Cedar Lake with no issues

- Driver Training

There were no changes to station 2 personnel in July.

Breakdown of Calls:

9 - Fire (16.9%)
8 - Rescue / EMS (15.9%)
4 - Hazardous Condition (7.55%)
2 - Calls for Service (3.05%)
8 - Good Intent (15.09%)
22 - False Alarm / False Call (41.51%)
YTD – 328 calls

Apparatus/Equipment

- New Hydrant gate was put on Engine 2.
- Steering box was repaired on Engine 2.
- There were no issues with the Brush 1.
- There were no issues with the rescue boat.

Fire Stations/Facilities

- New Gym equipment was delivered for station.
- Office works was in to repair the printer
- Orkin was in for monthly service.

Miscellaneous

- MDA collection was performed this month.
- New Sensit Meter was put in service

Respectfully submitted,
Acting Captain, Steven Barnosky

Engine 3
July
Monthly Report
2024

Summary

This month Engine 3 responded to a total of 66 calls for service. Notable responses included a 1st alarm and 2 multiple alarm structure fires. Engine 3 also responded multiple other calls including a motor vehicle accident requiring extrication.

Personnel

No changes in personnel.

Apparatus/Equipment

- Engine 6 went in service as engine 2 while it was out for repair.
- Air pack E6-03 OOS.
- W-3 portable radio was taken out of service for repair.
- E-3 01 air pack was leaking and taken out of service for repair.

Fire Stations/Facilities

Nothing new to report.

Miscellaneous

- Members participated in MDA collection.

Respectfully submitted,

Craig Henderson

Craig Henderson,
Captain Engine 3
Bristol Fire Dept.

Engine 4

Monthly Report

July 2024

Summary

Engine 4 responded to 86 calls for service in July.

The mulch in the flower beds in front of Station 4 was replaced with stone by the members of Station 4. Chief Hart budgeted the money to purchase the stone. The stone provides a much cleaner appearance for Station 4. Thank you Chief.

Personnel

Station 4 personnel were trained in the operation of a new SENSIT Gold G3 gas detection instrument.

Station 4 personnel attended Driver Training classes. The classes were instructed by Firefighter Mike Marek.

Apparatus/ Equipment

Engine 4 was taken out of service due to a faulty water level sensor in the tank.

The Fire Equipment Technician (FET) replaced the water level sensor in the water tank on Engine 4. Engine 4 was returned to service.

The new SENSIT gas detection instrument was placed in service and mounted on Engine4.

Fire Station/ Miscellaneous

The Light Emitting Diode (LED) panel light in the bay bathroom stopped working.

Public works replaced the LED panel light in the bay bathroom.

Public Works patched the walls in the day room.

Public Works repaired the thresholds for the bunk rooms.

SEFAC conducted an inspection of the lifts used by the FET.

Respectfully submitted,

Scott McKearney

Scott McKearney, Captain

ENGINE COMPANY #5

MONTHLY REPORT

JULY 2024

SUMMARY

Engine Company #5 responded to 72 calls for service in the month of July 2024. Calls for service included 4 Structure Fires, 1 Dumpster Fire, 26 Commercial and Residential Fire Alarm activations, 2 Gas Leak or other Hazardous Materials Incident, 17 Motor Vehicle Accidents, 3 Motor vehicle Accidents involving a pedestrian, 1 Motor Vehicle Extrication involving Life Star, 7 Electrical Equipment/Wiring incidents, 3 EMS Assists, 5 Residential and Motor vehicle Lockouts, 4 Unauthorized Burning calls, 2 Good Intent/Service calls.

PERSONNEL

Firefighter Stephanie Barry was injured at the Summer Street Structure Fire on July 8 and is still out of work at the time of this report due to two injuries. She is a member of C Group here at Station #5. All members have been in contact on a regular basis and we are hoping to have her back in the month of August. All other crews remain the same.

APPARATUS/EQUIPMENT

Engine #5 was still out of service for the majority of the month for ongoing problems and issues. Emergency lighting does not work properly. They stay on at intermittent times after being turned off at the Master switch. Foam tank has an aggressive leak near the top of the tank. Booster reel nozzle is leaking in the rear compartment and into other compartments causing some issues with equipment. The Air Conditioning has stopped working completely and is not going to be repaired per Chief Hart.

Engine #8 has been in service for several weeks due to the issues with Engine #5.

A new Multi Gas meter was received from the Training Officer and will be put into service in August after all station personnel have had an opportunity to get hands on training with it.

FIRE STATION/FACILITIES

Station #5 received several durable mats for the gym area in the rear of the building from Chief Hart. All members are extremely appreciative of the attention given to health and safety by the Chief Hart.

Dave Oakes replaced all light bulbs inside of the kitchen hood. No other issues have been identified with the station or the grounds at the time of this report.

SURVEYS

Several locations were visited during the month of July. Some of the locations are Page Park pool building, Shawn Drive apartments, 517-531 Farmington Avenue apartments, Starbucks, Chipotle.

TRAINING

All Groups participated in the first stages of Driver Training classes at the Drill Field. Firefighter Michael Marek did an outstanding job of preparing the material as well as delivery to all members of the department. In house training continues as always within the individual groups.

MISCELLANEOUS

On a personal note I would like to recognize Firefighter Donald DeForge who completed his 25 years of service to the citizens of Bristol CT and the Bristol Fire Department. He retired at the end of the month of July. Don and I both came on the Department one day apart back in July of 1999. It has been an honor serving along side such a Firefighter as Don. He is a friend of mine and I look forward to our continued friendship in the future. He will be missed from this department and I wish him well in his retirement years.

RESPECTFULLY SUBMITTED,

CAPTAIN BRIAN D'AMATO

**CITY OF BRISTOL FIRE DEPARTMENT
OFFICE OF THE FIRE MARSHAL
MONTHLY REPORT**

July 2024



Kristopher Lambert

Kristopher Lambert, Fire Marshal

**CITY OF BRISTOL FIRE DEPARTMENT
OFFICE OF THE FIRE MARSHAL
MONTHLY REPORT
July 2024**



TO: City of Bristol Fire Board Members
FROM: Kristopher Lambert, Fire Marshal
SUBJECT: Monthly Report – July 2024

INCIDENTS

There were two hundred forty nine (249) incidents for this month that required computer-generated reports communicated to the State Fire Marshal's Office and FEMA. There were two (2) investigation(s) of fire/explosions by this office. Total estimated loss for the period is \$27,000 dollars.

47 Wolcott St.
Fall Mountain Rd.

There were zero (0) civilian injury(s), and zero (0) Firefighter injury reported during this period. There were two (2) mutual aid call(s) given/received within the month. A copy of the cumulative monthly inspection reviews and permits account is included with this report.

REVIEWS, MEETINGS, MISC.

- The interior of this office will remain closed to the public while all business will continue to be conducted electronically, or at the new customer service window.
- Seventeen (17) plans for new construction, occupancy changes, and renovations were reviewed. Some of the plans included electrical and mechanicals, including Fire Alarm and Fire Sprinkler systems. Site plan drawings are also included. Coordination and consultation regarding plan review is ongoing with other city agencies.
- The Fire Marshal's Office attended four (4) formal Site Plan Committee meetings this month to coordinate details for future Plan Review submittals in the City of Bristol. Thirty three (33) other site meetings attended by staff were conducted with business/property owners.
- There were approximately one hundred five (105) Fire Prevention Bureau business related calls managed by the staff this month.

- Approximately eleven (11) visitors were received at our office to speak with Fire Marshal's Personnel.
- The Fire Marshal's Office assisted the Water and Sewer Department during their smoke testing of the city's sewer system.
- The office has shifted its focus slightly in order to assist with the Code Enforcement Committee's aggressive pursuit of substantial code compliance within the city. This approach has proven to be beneficial from an efficiency standpoint with regards to us gaining legal access to the properties for inspections.

TRAINING CLASSES

- Staff of the Fire Marshal's Office earned forty (40) hour(s) of continuing education credits this month.

INSPECTIONS AND PERMITS **

- 26 Apartment Building Inspections (84 units)**
- 3 Assembly Occupancy Inspections
- 4 Automatic Sprinkler / Standpipe System Inspections
- 1 Blasting Permit(s) Issued
- 4 Business Occupancy Inspections
- 4 Certificate of Compliance
- 8 Complaint Inspections
- 0 Day Care Inspections
- 1 Educational Inspection
- 4 Fire Alarm Inspections
- 2 Fire Investigations
- 1 Gasoline Station / Vehicle Repair Facility Inspection
- 0 Health Care / Nursing Home / Group Home Inspections
- 2 Hood & Duct Inspections
- 2 Hotel / Dorm
- 1 Industrial Inspection
- 0 Liquor License Inspections
- 2 Mercantile Inspections
- 1 Modification Application(s)
- 0 Recreation/Summer Camp
- 1 Residential Board / Care
- 1 Storage Facility
- 0 Special Amusement/Assembly Inspection
- 1 Tent Inspections

****** In larger residential occupancies, where the building construction is modular in design and contains similar apartments with like layouts and amenities, representative apartments are chosen at random to determine compliance with the Connecticut State Fire Safety Code (CSFSC) and the Connecticut State Fire Prevention Code (CSFPC). With smaller occupancies, we do commonly enter as many units as possible where access is granted and time permits. The corresponding figures represent the number of occupancies and the total number of units affected by the inspection. *In order to achieve our statutory inspection requirements, I strongly recommend increasing the number certified personnel in this office to eight (8). There has been a significant increase in the number of residential units within this city to support the need for additional personnel within this office. While the number of residential units has increased over the years, the staff of this office has not.*

OFFICE OF THE FIRE MARSHAL STAFF VEHICLES

Fire 3 - 2013 Ford Explorer - White

Fire 4 - 2012 Ford Escape – Gray

Fire 5 - 2011 Dodge Grand Caravan – White

Fire 6 - 2013 Ford Expedition - Red

Mileage and fuel usage reports are generated automatically and submitted by the mechanic.

Incident Summary Report

Alarm Date Between {07/01/2024} And {07/31/2024}

Total Number of Calls:	Fire: 249	EMS: 0	Exposures: 0	Unknown: 249	All: 249
Average Calls per day:	Fire: 8.0	EMS: 0.0			All: 8.0
Total number of arson calls:	0				
Estimated Dollar Loss:	Fire: \$ 0	Other: \$ 0	All: \$ 0	Arson: \$ 0	
Estimated Value:	Fire: \$ 0	Other: \$ 0	All: \$ 0	Arson: \$ 0	
Percentage Saved:	Fire: 0.0%	Other: 0.0%	All: 0.0%	Arson: 0.0%	
Total Injuries:	Fire Service: 0	Civilian: 0	EMS: 0	Arson: 0	
Total Fatalities:	Fire Service: 0	Civilian: 0	EMS: 0	Arson: 0	
Total aid given calls:	0				
Total aid received calls:	0				

Bristol Monthly Incident Report

Alarm Date Between {07/01/2024} And {07/31/2024}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
	249	100.00%	\$0	0.00%
	249	100.00%	\$0	0.00%

Total Incident Count: 249

Total Est Loss:

\$0

Bristol Monthly Incident Report

Alarm Date Between {07/01/2024} And {07/31/2024}

Incident Type	Count	Avg Resp Time	Aid Given	Aid Rec'd	Exposures
	249	00:04:29	0	0	0

Total Incident Count: 249

Avg Resp Time: 00:04:29

Completed Fire Inspection Assignments Month of July 2024

Fire Inspector Hoyt

Fire Alarm Inspections - 2

Sprinkler Inspections - 1

Commercial Inspections - 5

- Assembly - 2**
- Business - 2**
- Carnival -**
- Day Care -**
- Dormitories - 1**
- Educational -**
- Fire Drills -**
- Fire Works/Special Effects-**
- Group Home -**
- Health Care –**
- Industrial -**
- Mercantile - 1**
- Nursing Home -**
- Residential Board and Care - 1**
- Special Amusement/Assembly -**
- Tent -**
- Liquor License Inspections –**
- Hood and Duct Inspections -**
- Gas Station -**
- LPG Point of Sale/Bulk Storage -**

Residential Inspections-

Buildings- 7 @ Units- 18

Fire Investigations – 2, Wolcott @ Fall Mountain Vehicle

Meetings – 3

Complaints- 2

Plan Reviews - 1

Modifications -

Blasting Permit -

Phone Messages/Calls – 7

Department Training –

Public Fire Education –

Continuing Education/CFI-

Event/Smoke Scheduling-

Completed Fire Inspection Assignments Month of July 2024 Fire Inspector Yacovino

Fire Alarm Inspections - 2

Sprinkler Inspections - 3

Commercial Inspections -

Assembly -

Business -

Carnival -

Day Care -

Dormitories -

Educational -

Fire Drills -

Fire Works/Special Effects-

Group Home -

Health Care -

Industrial -

Mercantile - 1

Nursing Home -

Residential Board and Care -

Special Amusement/Assembly -

Tent -

Liqueur License Inspections -

Hood and Duct Inspections - 2

Gas Station -

LPG Point of Sale/Bulk Storage -

Residential Inspections- Buildings 15 @ 50 Units

Residential Completed Inspections -

Fire Investigations - 1

Meetings - 8

Complaints - 6

Plan Reviews - 9

Modifications -

Blasting Permit -

Phone Messages - 42

OEMD Training -

Fire 6 - Actual Mileage – as of , Gallons –

BRISTOL FIRE DEPARTMENT – TRAINING DIVISION

Captain Todd Cutler – Acting Training Officer

MONTHLY TRAINING REPORT

July 2024

- This month the Training Division finished putting together and delivered a class on NFPA 1911, Standard for the inspection, maintenance, testing and retirement of in-service fire apparatus. This class is one part of a new driver training program. The class focused on the pre-trip inspection aspect of the standard. Connecticut general statutes and manufacturer recommendations were also used in the development of the class. The class was presented by FF Mike Marek who is without a doubt our most thorough driver when it comes to inspections and the department subject matter expert in this topic. This class took an exhausting 60 hours to develop but is now available as a first step class for new personnel in the BFD.
- The crews continue to working on vehicle stabilization and extrication in unusual positions. There are vehicles available here at the drill field for company-level training. We also have generous offers from a local tow company to donate more vehicles and show us their available equipment over that could be called upon during emergency calls.
- We presented one day of CPR class for department members that needed to renew their certification
- The division assisted the Mechanical division with a couple urgent projects this month.
- In a team effort with the Police Department, Lt. John Biskupski has begun putting together a hands on active shooter class. This class expands upon the introductory classes that both BFD and BPD put on last year.
- We began the daunting process of entering our PPE into the inventory section of First Due. Although complicated and time consuming this will allow the Chief to more accurately plan for the budget and make sure everyone has compliant gear on a more timely schedule.

Respectfully Submitted,

Captain Todd Cutler

Bristol Fire Department

Mechanical Division Monthly Report

July 2024

Engine 1

- Repair A/C fan, and replace A/C filter
- Mount & wire Sensit meter charger

Engine 2

- E2-03 repaired
- New hydrant gate

Engine 3

- Install foam system switch protectors

Engine 4

- New water tank transducer, and calibrate
- Diagnose sire brake system dead short. Found it to be the brake, replaced.

Engine 5

- Replace signal light switch assembly
- Repair # 2 discharge gauge

Engine 8

- Replace leaking air fitting @ treddle valve
- R/S windshield replaced
- Repair R/F cab door latch assembly
- Test fire pump after a write up that it idled down. Could not get it to duplicate

Tower 1

- Repair air leak @ air pump
- Repair Hurst tool brackets
- Aerial mapping with Firematic

Tower 2

- Aerial mid/base wear pads replaced
- Bucket holding valves replaced
- Numerous A/C components replaced

Miscellaneous

- Stankus coat repaired
- E2-03, E6-01, E8-03 ,E1-03, E3-01, E5-02, E8-02, E6-03, Spare 5 repaired
- 5" hose repairs
- Repair HQ weed-wacker

Jay Kelly
Equipment Technician

Richard Hart
Chief of Department

City of Bristol New Firehouse No.3

CD Documents Estimate

Date: Wednesday, July 31, 2024



Basis Of Estimate

Basis of Estimate

Introduction

PACS has been engaged by the Silver Petrucelli to provide a Cost Estimate for:

Estimate is based on the following documents provided by Silver Petrucelli & Associates

- **23-017_Bristol Fire #3 100% Construction Documents by Silver Petrucelli dated July 5, 2024, 112pp**
- **Specification Sections Architectural, Civil, Electrical, Fire Protection, Food Service, Geotechnical, ID, Mechanical, Plumbing issued July 08, 2024 by Silver Petrucelli**
- **Revised Geotechnical Engineering Report - Fire Station No. 3, Bristol, CT by DTE Consulting dated April 2024 35pp**

Quantities and Methodology

- The cost estimate is based on the measurement of quantities wherever possible.
- Where actual measurements are not used, parametric measurements are used in conjunction with previous but similar project benchmarks.
- PACS uses a wide range of standard measurement and quantifying methods that are common practice in the construction industry today.

Basis of Pricing

- a) The construction costs shown in this estimate represent the fair market value and are not intended to be a prediction of the lowest bid.
- b) The costs include: labor, material, equipment and the subcontractors overhead and profit. (Subcontractor's Mark Up)
- c) The cost of labor is based on local Prevailing wage rates for all trades.
- d) The construction rates used are based in "today's dollar" and an escalation allowance is included in the Estimate summary.
- e) Our pricing assumes competitive bidding on all elements of the construction work, assuming a minimum of three competitive bidders for all general contractors, subcontractors, materials and
- f) It is typical in our experience that if fewer bids are received or solicited, prices can be expected to be higher due to lack of competition.
- g) The subcontractor's mark ups include their own overhead, including the cost in the field as well as profit.
- h) PACS has priced this taking into account current market conditions, competition between trades and the cost fluctuations in the construction industry.
- i) Estimate assumes no Phasing required..
- j) Proposal is based on construction being performed on regular hours.

Design and Pricing Contingency

A Design and Pricing Contingency is used as a budgetary tool that allows for scope and detail not defined during the design stage. As the design becomes more defined as the project passes through the design stages, the Design and Pricing Contingency decreases as more scope and detail is now being shown in the documents and is therefore reflected in the cost estimate as actual trade cost. The Design and Pricing Contingency is reduced to zero at 100% Bid Documents.

Escalation

As outlined above the estimate is calculated using rates that are "today's dollar" and reflect the cost of the project as if it was to bid on the date of issue. Due to construction projects having long design phases and long construction schedules, it is imperative to project the construction cost further ahead into the future to the point at which it is bid out. It is common practice to escalate the cost estimate to the mid point of construction to accommodate for economic inflation. This percentage accounts for this increase.

Construction Contingency

PACS advise that a Construction Contingency is carried for unforeseen project conditions and field changes. Typically we see this in the range of 3% to 5% dependent on the scope of the project.



Basis Of Estimate

Probable Cost

It is important for the Owner and Design team to carefully review this cost estimate including all line item descriptions, clarifications, exclusions, unit prices, assumptions, allowances, mark ups and contingencies to ensure the estimate reflects the scope of the project.

PACS has produced the cost estimate based on the widely practiced methods of cost estimating and aims to reflect the fair market value of the construction project. Our aim is to be not the highest or the lowest in the range of bids but to use our experience and expertise in the construction industry to provide the client with a degree of confidence that the project will be close to our calculated estimate.

Exclusions

This cost estimate excludes the following:

- Premiums for working in inaccessible or partially accessible spaces during construction
- Surplus Stock and Spares
- Premiums for restrictive and uncompetitive bidding
- Premiums for non-standard work times
- Work beyond the project limits
- CT Sales Tax - Assumes Exempt
- Wellpoints - Assumes open trench pumping only
- Rock or Unsuitable soils remediation
- Hazardous, Contaminated or Polluted soils
- AV Equipment / Technology Budget
- Utility Costs - Electric, Gas, Water (assumes by Owner)

Risks to the Cost Estimate

Items that may affect the cost estimate, the list as follows but not limited:

- Changes to the design subsequent to the issue of the documents stated above which this estimate is based on
- Non Competitive Bid restrictions and the sole sourcing of products/materials from specific vendors
- Restrictive technical specifications that produce a non competitive environment
- Changes to the project schedule that delay the project and therefore have impact on cost
- Incomplete and poorly coordinated documentation
- Access restrictions, unidentified out of hours work policies and phasing restrictions
- Restrictive technical specifications that produce a non competitive environment
- Unforeseen and unknown Site conditions

Trade		Cost	Cost / SF
01 50 00	Temporary Facilities and Controls	\$ 39,470	\$ 4.50
03 30 00	Cast-In-Place Concrete	\$ 258,815	\$ 29.51
04 20 00	Unit Masonry	\$ 391,464	\$ 44.63
05 12 00	Structural Steel	\$ 445,833	\$ 50.83
05 40 00	Cold Formed Metal Framing	\$ 126,384	\$ 14.41
05 50 00	Metal Fabrications	\$ 66,800	\$ 7.62
06 10 00	Rough Carpentry	\$ 143,196	\$ 16.33
06 20 00	Finish Carpentry	\$ 149,948	\$ 17.10
07 21 00	Thermal Insulation	\$ 42,780	\$ 4.88
07 25 00	Air & Vapor Barriers	\$ 39,998	\$ 4.56
07 50 00	Roofing	\$ 253,926	\$ 28.95
07 92 00	Joint Sealants	\$ 12,500	\$ 1.43
08 10 00	Doors and Frames	\$ 48,715	\$ 5.55
08 30 00	Specialty Doors	\$ 243,950	\$ 27.81
08 41 00	Entrances & Storefront	\$ 181,630	\$ 20.71
08 71 00	Door Hardware	\$ 38,400	\$ 4.38
08 80 00	Glass & Glazing	\$ 1,650	\$ 0.19
09 21 00	Gypsum Board Assemblies	\$ 108,631	\$ 12.39
09 30 00	Tile	\$ 18,364	\$ 2.09
09 51 00	Acoustical Ceiling	\$ 30,462	\$ 3.47
09 61 10	Vapor Mitigation	\$ 5,112	\$ 0.58
09 65 00	Resilient Flooring	\$ 38,720	\$ 4.41
09 67 00	Resinous Flooring	\$ 4,384	\$ 0.50
09 68 00	Carpet	\$ 5,999	\$ 0.68
09 91 00	Painting & Wallcoverings	\$ 74,942	\$ 8.54
10 14 00	Signage & Graphics	\$ 22,750	\$ 2.59
10 26 00	Wall & Door Protection	\$ 4,370	\$ 0.50
10 28 00	Toilet Accessories	\$ 11,080	\$ 1.26
10 41 00	Emergency Access Cabinets	\$ 610	\$ 0.07
10 44 00	Fire Protection Specialties	\$ 2,085	\$ 0.24

Trade		Cost	Cost / SF
10 51 00	Lockers	\$ 30,330	\$ 3.46
11 40 00	Foodservice Equipment	\$ 45,963	\$ 5.24
11 52 00	Audio-Visual Equipment	\$ 2,500	\$ 0.29
11 90 00	Miscellaneous Equipment	\$ 60,280	\$ 6.87
12 20 00	Window Treatment	\$ 15,065	\$ 1.72
21 00 00	Fire Protection	\$ 84,640	\$ 9.65
22 00 00	Plumbing	\$ 307,577	\$ 35.07
23 00 00	HVAC	\$ 677,919	\$ 77.29
26 00 00	Electrical	\$ 734,766	\$ 83.77
33 00 00	Sitework	\$ 1,192,815	\$ 136.00
TOTAL DIRECT COST		\$ 5,971,772	\$680.85

Trade		Cost	Cost / SF
TOTAL DIRECT COST (FROM PREVIOUS PAGE)		\$ 5,971,772	\$680.85
Design & Estimating Contingency	0.00%	\$ -	#
Escalation - @ 6% Annually	0.00%	\$ -	#
General Conditions- (11 mos @ 50,000 / Month)	\$ 550000	\$ 550,000	#
Preconstruction - Assumes None		\$ -	
GC Insurances	0.85%	\$ 55,435	#
Building Permit		\$ 50,000	#
GC Surety Bond	0.78%	\$ 46,580	#
GC Fee	3.00%	\$ 179,153	#
TOTAL CONSTRUCTION COST (DIRECT & INDIRECT COSTS)		\$ 6,852,940	\$781.32
Bonding & Legal fees to Town	\$ 10000	\$ 10,000	
A&E Fees / Professional Services	\$ 307800	\$ 307,800	
Commissioning agent	\$ 38000	\$ 38,000	
Owners Representative	\$ 200000	\$ 200,000	
Builders Risk Insurance - Town	\$ 40000	\$ 40,000	
Testing & Inspections	\$ 20000	\$ 20,000	
Moving & Relocation costs	Excluded		
FF&E (Furniture Fixtures and Equipment)	\$ 300000	\$ 300,000	
State Permit 0.26%	\$ 7768740	\$ 20,199	
A/V Systems - Assumes in FF&E	Excluded		
Artwork - By Owner	Excluded		
Utility Connection fees allowance	\$ 25000	\$ 25,000	
Land Acquisition	\$ 554,000.00	\$ 554,000	
Owners Contingency:	% 5.00%	\$ 390,697	
TOTAL CONSTRUCTION & SOFT COSTS		\$ 8,758,635	\$998.59

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
01 50 00 Temporary Facilities and Controls					
Temporary Site Services - GC Bid (minimal)	8,771	SF	\$ 4.50	\$ 39,470	
Subtotal Temporary Facilities and Controls					\$ 39,470
02 11 00 Contaminated Soil Excavation & Disposal					
Excluded			< Excluded >		
Subtotal Contaminated Soil Excavation & Disposal					\$ -
02 12 00 Transportation/Disposal of Contaminated Materials					
Excluded			< Excluded >		
Subtotal Transportation/Disposal of Contaminated Materials					\$ -
02 80 00 Hazardous Abatement					
Excluded			< Excluded >		
Subtotal Hazardous Abatement					\$ -
02 41 16 Building Demolition					
Assumes not required			< N/A >		
Subtotal Building Demolition					\$ -
02 41 19 Selective Demolition					
Assumes not required			< N/A >		
Subtotal Selective Demolition					\$ -
03 30 00 Cast-In-Place Concrete					
Continuous footings	42.00	CYD	\$ 645.00	\$ 27,090	
Column Footings	56.00	CYD	\$ 695.00	\$ 38,920	
Haunch slab footings			< N/A >		
Frostwall Foundations with Brick Ledge	81.00	CYD	\$ 865.00	\$ 70,065	
Piers & Pilasters	7.00	CYD	\$ 1,175.00	\$ 8,225	
Stair pan infill			< N/A >		
Slab on Grade 5"	5,350	SF	\$ 10.25	\$ 54,838	
Slab on Grade 7" reinforced & Sloped in Aparatus Bay	3,153	SF	\$ 17.50	\$ 55,178	
Slab on Deck			< N/A >		
Self leveling underlayment			< N/A >		
Concrete mechanical equipment pads	120	sf	\$ 22.50	\$ 2,700	
Concrete curb @ Decon Wash area	8	lf	\$ 225.00	\$ 1,800	
Concrete Locker basses			< N/A >		
Subtotal Cast-In-Place Concrete					\$ 258,815
04 20 00 Unit Masonry					
Envelope					
Envelope CMU Backup - 8"	1,997	SF	\$ 29.00	\$ 57,913	
Envelope CMU Bond Beam	320	SF	\$ 60.00	\$ 19,200	
Brick Veneer	4,341	SF	\$ 43.00	\$ 186,663	
Cast Stone veneer band	525	SF	\$ 55.00	\$ 28,875	
Interior					
Interior CMU Partition 1A - 8"	3,176	SF	\$ 29.50	\$ 93,692	
Interior CMU Partition 1B - 8"	38	SF	\$ 29.50	\$ 1,121	
Interior CMU Partition 1C - 4"	160	SF	\$ 25.00	\$ 4,000	
Subtotal Unit Masonry					\$ 391,464
05 12 00 Structural Steel					
Structural Steel - Beams & Columns and Braced Frames per drawings	54.70	TON	\$ 4,750.00	\$ 259,825	
Structural Steel Misc angles, Plates, Lintels, bracing - 20%	10.94	TON	\$ 4,750.00	\$ 51,965	
Galvanized Steel premium - exposed	1.00	LS	\$ 25,000.00	\$ 25,000	
Metal Decking @ Composite deck			< N/A >		
Metal Decking @ Roof Systems - 1.5 B deck	5,601.00	SF	\$ 6.75	\$ 37,807	
Metal Decking @ Roof Systems - 5.5 Acoustical deck	3,827.00	SF	\$ 13.95	\$ 53,387	
Column Base Plates, AB, Grouting	30.00	EA	\$ 595.00	\$ 17,850	
Subtotal Structural Steel					\$ 445,833
05 40 00 Cold Formed Metal Framing					
Roof Truss Vertical Framing CFMF	2,252	SF	\$ 13.95	\$ 31,415	
Envelope CFMF Backup @ 14'	3,542	SF	\$ 13.95	\$ 49,411	
CFMF Channel Rafter	2,682	LF	\$ 12.25	\$ 32,855	
Soffit framing systems	1,037	SF	\$ 12.25	\$ 12,703	
Subtotal Cold Formed Metal Framing					\$ 126,384
05 50 00 Metal Fabrications					
Misc Metals - Roof Screening and Supports - Assumes not required			< Not required >		
Misc Metals - Relieving Angles - Assumes none required			< Not required >		
Beam Pocket Imbeds	24	EA	\$ 325.00	\$ 7,800	
Duct supports @ Roof and Attic	1	LS	\$ 5,000.00	\$ 5,000	
Equipment support rails	1	LS	\$ 3,500.00	\$ 3,500	
Roof Access Ladder	14	VLF	\$ 225.00	\$ 3,150	
Misc Metals - Aparatus Door Frames	6	EA	\$ 4,500.00	\$ 27,000	
Misc Metals - Fitted Bollards 12" Concrete filled	14	EA	\$ 1,275.00	\$ 17,850	
Misc Metals - Axe Sculpture	1	LS	\$ 2,500.00	\$ 2,500	
Subtotal Metal Fabrications					\$ 66,800
06 10 00 Rough Carpentry					
Window Blocking @ Windows	1,214	LF	\$ 13.95	\$ 16,935	
Roof Blocking	1,054	LF	\$ 18.50	\$ 19,499	
Nailboard (uninsulated) @ Asphalt pitched roof	3,255	SF	\$ 8.95	\$ 29,132	
5/8" Plywood in Attic Space floor	2,301	SF	\$ 8.65	\$ 19,904	
1/2" Plywood in Attic Space walls and ceilings			< Removed >		
1/2" Plywood Sheathing @ CFMF Envelope	6,867	SF	\$ 6.95	\$ 47,726	
Inwall and OnWall blocking - Interior	1	LS	\$ 2,500.00	\$ 2,500	
Exterior blocking - Trims	1	LS	\$ 7,500.00	\$ 7,500	
Subtotal Rough Carpentry					\$ 143,196

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
06 20 00 Finish Carpentry					
Exterior Finish Carpentry					
Sloped roof fascia - PVC 12"	234	LF	\$ 13.67	\$ 3,199	
Sloped roof trip @ Facia PVC 4"	221	LF	\$ 7.35	\$ 1,624	
Azek or similar PVC Siding	1,482	SF	\$ 28.00	\$ 41,496	
Azek or similar PVC Soffit systems	1,286	SF	\$ 24.00	\$ 30,864	
Interior Finish Carpentry & Millwork					
Kitchen base cabinets - Island	12	LF	\$ 825.00	\$ 9,900	
Kitchen base cabinets Deep with PLAM Tpps	16	LF	\$ 575.00	\$ 9,200	
Stainless tops	91	SF	\$ 155.00	\$ 14,105	
PLAM upper Cabinets	17	LF	\$ 295.00	\$ 5,015	
PLAM upper Cabinet fillers	27	LF	\$ 150.00	\$ 4,050	
PLAM Full height Pantry	4	LF	\$ 795.00	\$ 3,180	
Workroom counter Stainless Surface with RAKKS supports - wide HD	19	LF	\$ 345.00	\$ 6,555	
Watchroom counter Solid Surface with RAKKS supports	18	LF	\$ 295.00	\$ 5,310	
Pantry Storage Shelving X6	16	LF	\$ 210.00	\$ 3,360	
Interior window sills - Solid surface eased edge	186	LF	\$ 65.00	\$ 12,090	
Personnel Bunk Wardrobe Units	< In FF&E >				
Subtotal Finish Carpentry					\$ 149,948
07 10 00 Damp / Waterproofing					
Waterproofing & Drainage Board	< Included in Civil Structural E&B >				
Subtotal Damp / Waterproofing					\$ -
07 21 00 Thermal Insulation					
Insulation @ Exterior	3,542	SF	\$ 6.45	\$ 22,846	
Insulation @ Attic 5"	2,393	SF	\$ 8.33	\$ 19,934	
Subtotal Thermal Insulation					\$ 42,780
07 25 00 Air & Vapor Barriers					
AVB @ Envelope	5,714	SF	\$ 7.00	\$ 39,998	
Subtotal Air & Vapor Barriers					\$ 39,998
07 40 00 Metal Siding Panels & Soffits -					
See Finish Carpentry	< See Finish Carpentry >				
Subtotal Metal Siding Panels & Soffits -					\$ -
07 50 00 Roofing					
EPDM Roof on Tapered Insulation	6,931	SF	\$ 29.50	\$ 204,465	
EPDM Roof walk pads	50	EA	\$ 81.25	\$ 4,063	
Roof curbs and Dunnage flashing & Penetrations	1	LS	\$ 3,500.00	\$ 3,500	
Asphalt Shingles on Ice & Water Shield	3,255	SF	\$ 9.25	\$ 30,109	
Gutters - Aluminum	235	LF	\$ 39.00	\$ 9,165	
Leaders - Aluminum	75	LF	\$ 35.00	\$ 2,625	
Subtotal Roofing					\$ 253,926
07 81 00 Applied Fireproofing					
Assumes not required	< Not included >				
Subtotal Applied Fireproofing					\$ -
07 84 00 Penetration Firestopping					
In Trades					
Subtotal Penetration Firestopping					\$ -
07 92 00 Joint Sealants					
Caulking & Sealants	1	LS	\$ 12,500.00	\$ 12,500	
Subtotal Joint Sealants					\$ 12,500
07 95 00 Expansion Control					
Expansion systems - Assumes not required	< Not included >				
Subtotal Expansion Control					\$ -
08 10 00 Doors & Frames					
Frame A - HM3070	27	EA	\$ 450.00	\$ 12,150	
Frame A - HM6070	3	EA	\$ 595.00	\$ 1,785	
Door leaf 3070 HM	33	EA	\$ 365.00	\$ 12,045	
Premium Rating	5	EA	\$ 550.00	\$ 2,750	
Premium 1/2 lite	1	EA	\$ 575.00	\$ 575	
Door hardware premium - Electrified Locksets	3	EA	\$ 2,750.00	\$ 8,250	
Install frame	30	EA	\$ 220.00	\$ 6,600	
Install Door leaf	38	EA	\$ 120.00	\$ 4,560	
Subtotal Doors & Frames					\$ 48,715
08 30 00 Specialty Doors					
Door Engineering FF300 Doors 14x14 with operators	3	EA	\$ 46,400.00	\$ 139,200	
14' x 14' Clopay Model EX904U HD with operators installed	3	EA	\$ 32,000.00	\$ 96,000	
Roof Hatch with Safety Railings	1	EA	\$ 3,250.00	\$ 3,250	
Roof access to Pitched Attic Space - DF&H	2	EA	\$ 2,750.00	\$ 5,500	
Subtotal Specialty Doors					\$ 243,950
08 41 00 Entrances & Storefront					
Exterior Aluminum Glazed Storefront Doors and Hardware - Installed	8	EA	\$ 4,250.00	\$ 34,000	
Storefront Systems - Glazed openings -	1,519	SF	\$ 95.00	\$ 144,305	
Storefront Systems - Glazed openings - Added mullions - eliminate framing	35	SF	\$ 95.00	\$ 3,325	
Subtotal Entrances & Storefront					\$ 181,630
08 44 00 Metal Framed Curtainwall					
Curtainwall Systems -	< N/A >				
Subtotal Metal Framed Curtainwall					\$ -
08 50 00 Windows					
See Storefronts	< N/A >				
Subtotal Windows					\$ -
08 71 00 Door Hardware					
Hardware set / leaf - Passage (installed)	38	EA	\$ 900.00	\$ 34,200	
Hardware Set / Leaf - Egress (installed) - premium	6	EA	\$ 700.00	\$ 4,200	
Access Control Head end Equipment	< In Technology >				
Subtotal Door Hardware					\$ 38,400
08 80 00 Glass & Glazing					
Interior Borrowed Lites - Sidelites	30	SF	\$ 55.00	\$ 1,650	
Skylights - None Identified	< N/A >				
Full height mirror @ Fitness - None identified	< Not included >				
Full height mirror @ Bunk rooms and Bathrooms	< Not included >				

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
Subtotal Glass & Glazing					\$ 1,650
08 90 00 Louvers & Vents					
None identified					
				< Included in Mechanical >	
Subtotal Louvers & Vents					\$ -
09 21 00 Gypsum Board Assemblies					
Wall Type 2A	675	SF	\$ 7.95	\$ 5,366	
Wall Type 2B	5,006	SF	\$ 10.45	\$ 52,313	
Wall Type 2C	1,940	SF	\$ 13.25	\$ 25,705	
Gyp @ Envelope walls	3,906	SF	\$ 3.45	\$ 13,476	
Gyp ceilings - suspended	-	SF	\$ 18.00	\$ -	
Gyp soffits and Ceiling transitions	1,095	SF	\$ 10.75	\$ 11,771	
Subtotal Gypsum Board Assemblies					\$ 108,631
09 30 00 Tile					
PF-1- Toilets 24x24	237	SF	\$ 21.00	\$ 4,977	
PFT-1 Base	148	LF	\$ 12.25	\$ 1,813	
Ceramic wall tile - per finish schedule	643	SF	\$ 18.00	\$ 11,574	
Subtotal Tile					\$ 18,364
09 51 00 Acoustical Ceiling					
Ceilings - ACT 2x2 Ultima	3,520	SF	\$ 7.10	\$ 24,992	
Ceilings - ACT 2x2 Healthzone	585	SF	\$ 9.35	\$ 5,470	
Subtotal Acoustical Ceiling					\$ 30,462
09 64 00 Wood Flooring					
None identified				< N/A >	
Subtotal Wood Flooring					\$ -
09 61 10 Vapor Mitigation					
Topical Moisture Mitigation- High Performance Glues	3,098	SF	\$ 1.65	\$ 5,112	
Subtotal Vapor Mitigation					\$ 5,112
09 65 00 Resilient Flooring					
Resilient LVT	1,610	SF	\$ 7.65	\$ 12,317	
Safety sheet floor	116	SF	\$ 13.10	\$ 1,520	
RAF - Rubber Athletic Floor	515	SF	\$ 17.65	\$ 9,090	
Rubber Stair Treads and risers				< Not included >	
SC-1 Sealed concrete	4,120	SF	\$ 1.65	\$ 6,798	
Resilient Base RB-1 / RB-2	1,102	LF	\$ 3.45	\$ 3,802	
Integral Base @ Safety floor	141	LF	\$ 11.00	\$ 1,551	
Transition Strips	1	LS	\$ 750.00	\$ 750	
Floor Prep - Resilient	2,241	SF	\$ 1.10	\$ 2,465	
Attic Stock Flooring 10% Materials	10%	LS	\$ 4,284	\$ 428	
Subtotal Resilient Flooring					\$ 38,720
09 66 00 Terrazzo					
None identified				< N/A >	
Subtotal Terrazzo					\$ -
09 67 00 Resinous Flooring					
EPX1 -	180	SF	\$ 19.65	\$ 3,537	
EPX1 - EPX-2 flooring / patterns Apparatus Bay				< Removed >	
EPX Base integral	77	SF	\$ 11.00	\$ 847	
Subtotal Resinous Flooring					\$ 4,384
09 68 00 Carpet					
Carpet Tile	857	SF	\$ 6.25	\$ 5,356	
Carpet Tile floor prep	857	SF	\$ 0.75	\$ 643	
Subtotal Carpet					\$ 5,999
09 80 00 Acoustical Treatment					
None identified				< N/A >	
Subtotal Acoustical Treatment					\$ -
09 91 00 Painting & Wallcoverings					
Painting - walls & Ceilings - Gyp	19,568	SF	\$ 0.78	\$ 15,263	
Painting - walls CMU including block-fill - Epoxy Paint	8,494	SF	\$ 4.65	\$ 39,497	
Painting - Exposed Structure & Decking - Epoxy	4,005	SF	\$ 3.45	\$ 13,817	
Painting Exterior trims and siding				< N/A >	
Paint Doors and Frames	38	EA	\$ 80.00	\$ 3,040	
Vinyl Wallcoverings				< N/A >	
Digital Wallcoverings	190	SF	\$ 17.50	\$ 3,325	
Subtotal Painting & Wallcoverings					\$ 74,942
10 11 00 Visual Display Surfaces					
Wallboard & Tackboards allowance				< N/A >	
Display Cabinet	1	LS	\$ 3,000.00	\$ 3,000	
Subtotal Visual Display Surfaces					\$ 3,000
10 14 00 Signage & Graphics					
Signage - Interior Wayfinding	1	LS	\$ 1,250.00	\$ 1,250	
Signage - Interior ADA / Rooms	35	EA	\$ 95.00	\$ 3,325	
Signage - Exterior Building Pin Letters 12" (removed over front entry)	62	EA	\$ 225.00	\$ 13,950	
Signage - Exterior Building Pin Letters 36"	1	EA	\$ 725.00	\$ 725	
Signage - Exterior Fire Rescue Sign	1	EA	\$ 3,500.00	\$ 3,500	
Subtotal Signage & Graphics					\$ 22,750
10 21 13 Toilet Compartments					
None identified				< N/A >	
Subtotal Toilet Compartments					\$ -
10 21 23 Cubicle Curtain & Track					
None identified				< N/A >	
Subtotal Cubicle Curtain & Track					\$ -
10 22 00 Operable Partitions					
None identified				< N/A >	
Subtotal Operable Partitions					\$ -
10 26 00 Wall & Door Protection					
FRP Paneling @ Custodial	200	SF	\$ 9.35	\$ 1,870	
Corner Guards - Allowance	1	LS	\$ 2,500.00	\$ 2,500	
Subtotal Wall & Door Protection					\$ 4,370

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
10 28 00 Toilet Accessories					
TR Accessories - Grab Bars set (3)	2	EA	\$ 365.00	\$ 730	
TR Accessories - Lav Guard	4	EA	\$ 295.00	\$ 1,180	
TR Accessories - Shower seat	1	EA	\$ 965.00	\$ 965	
TR Accessories - Shower curtain & rod assy	4	EA	\$ 395.00	\$ 1,580	
TR Accessories - Shower bench floor mounted	8	LF	\$ 225.00	\$ 1,800	
TR Accessories - Soap dispensers	7	EA	\$ 95.00	\$ 665	
TR Accessories - PT Dispenser	6	EA	\$ 95.00	\$ 570	
TR Accessories - Mirrors	4	EA	\$ 345.00	\$ 1,380	
TR Accessories - Coat hooks	10	EA	\$ 35.00	\$ 350	
TR Accessories - Custodial	1	EA	\$ 310.00	\$ 310	
TP Dispensers	4	EA	\$ 65.00	\$ 260	
Baby changing stations	< None identified >				
Accessory Installation	43	EA	\$ 30.00	\$ 1,290	
Subtotal Toilet Accessories					\$ 11,080
10 41 00 Emergency Access Cabinets					
Knox Box	1	LS	\$ 610.00	\$ 610	
Subtotal Emergency Access Cabinets					\$ 610
10 44 00 Fire Protection Specialties					
FE Cabinets and Extinguishers - Qty assumed	3	EA	\$ 695.00	\$ 2,085	
Subtotal Fire Protection Specialties					\$ 2,085
10 51 00 Lockers					
24" wide open access Metal Lockers - 6" high x24" deep with accessories	32	EA	\$ 650.00	\$ 20,800	
Lockers shipping and distribution	1	LS	\$ 4,250.00	\$ 4,250	
Gear lockers - installation	32	EA	\$ 165.00	\$ 5,280	
Subtotal Lockers					\$ 30,330
11 13 00 Loading Dock Equipment					
None identified	< N/A >				
Subtotal Loading Dock Equipment					\$ -
11 30 00 Residential Appliances					
Dryer - residential	< FF&E >				
Washer - residential	< FF&E >				
Washer - Commercial @ Gear wash room	< FF&E >				
Extractor- Commercial @ Gear wash room	< FF&E >				
Subtotal Residential Appliances					\$ -
11 40 00 Foodservice Equipment					
Food Lockers	< N/A >				
6 burner range with 24" Griddle (2 ovens) - Southbend S80-DD	1	LS	\$ 8,976.00	\$ 8,976	
Drop in Sink Single	1	LS	\$ 977.00	\$ 977	
Drop in Sink - Dual with drain boards	1	LS	\$ 2,822.00	\$ 2,822	
Reach in Refrigerator	1	LS	\$ 11,375.00	\$ 11,375	
Reach in Refrigerator	1	LS	\$ 8,582.00	\$ 8,582	
Reach in Freezer True TR-38 FRZ	1	LS	\$ 4,750.00	\$ 4,750	
Under Counter Refrigerator	1	LS	\$ 3,109.00	\$ 3,109	
Under Counter Dishwasher	1	LS	\$ 1,180.00	\$ 1,180	
Pot Filler T&S Brass	1	LS	\$ 325.00	\$ 325	
Coffee Maker Curtiss AL3GPT	1	LS	\$ 788.00	\$ 788	
Trash Chute	1	LS	\$ 225.00	\$ 225	
Microwave Waring WMQ-120	1	LS	\$ 1,604.00	\$ 1,604	
Commercial Toaster HATCO TQ-10	1	LS	\$ 1,250.00	\$ 1,250	
Range hood with Anslu System - Installed	< In Mechanical >				
Subtotal Foodservice Equipment					\$ 45,963
11 52 00 Audio-Visual Equipment					
IT Data Rack with Switches (Cable & terminations in Electrical / Security)	1	LS	\$ 2,500.00	\$ 2,500	
Large Format Projection Systems - Not included	< N/A >				
Video Conferencing System - Not included	< By Owner >				
Radio / Dispatch Systems - Not included	< By Owner >				
Subtotal Audio-Visual Equipment					\$ 2,500
11 66 00 Athletic Equipment					
None identified	< By Owner >				
Subtotal Athletic Equipment					\$ -
11 90 00 Miscellaneous Equipment					
Magnegrip Apparatus Vehicle Exhaust System - 3 bays 60'	1	LS	\$ 58,330.00	\$ 58,330	
Vehicle Exhaust Modification	6	EA	\$ 325.00	\$ 1,950	
Gear wash SS Table with integral basins	< Removed >				
Gear wash Track & Curtain @ Basin	< Removed >				
Gear hanger rod @ Gear wash room	< Removed >				
Defibrillator cabinet	< N/A >				
Subtotal Miscellaneous Equipment					\$ 60,280
12 20 00 Window Treatment					
Mechoshade - Manual light filtering	898	SF	\$ 9.10	\$ 8,172	
Mechoshade - Mechoshade Blackout	384	SF	\$ 17.95	\$ 6,893	
Subtotal Window Treatment					\$ 15,065
12 48 13 Entrance Mats					
Walk off Mats	220	SF	\$ 17.95	\$ 3,949	
Subtotal Entrance Mats					\$ 3,949
12 52 00 Furnishings - Movable					
Beds	< FF&E >				
Desk and Chair	< FF&E >				
Subtotal Furnishings - Movable					\$ -
13 00 00 Special Construction					
N/A	< N/A >				
Subtotal Special Construction					\$ -
14 20 00 Conveying					
Elevators / lifts - Not required	< N/A >				
Subtotal Conveying					\$ -

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
21 00 00 Fire Protection	8,771	SF	9.65		
RPDA Discharge (Drain / test)	1	LS	\$ 1,750.00	\$ 1,750	
Fire Sprinkler Riser assembly	1	LF	\$ 12,500.00	\$ 12,500	
2-3" Branch	805	LF	\$ 38.00	\$ 30,590	
4" Mains	188	LF	\$ 55.00	\$ 10,340	
Dropped Sidewall heads @ Doors	9	EA	\$ 225.00	\$ 2,025	
Dry Sidewall heads	2	EA	\$ 310.00	\$ 620	
FD Connection	1	EA	\$ 2,125.00	\$ 2,125	
Recessed heads	63	EA	\$ 265.00	\$ 16,695	
Upright heads	41	EA	\$ 195.00	\$ 7,995	
Fire Pump -Assumes not required	< Excluded >				
Subtotal Fire Protection					\$ 84,640
22 00 00 Plumbing	8,771	SF	35.07		
DOM Connection with BFP & valve assy	1	LS	\$ 3,625.00	\$ 3,625	
Domestic water booster pump - Assumes not required	<NIC>				
Gas Meter / riser assy	1	LS	\$ 2,210.00	\$ 2,210	
Gas Emergency Shut-off	1	LS	\$ 1,500.00	\$ 1,500	
Gas Grill Regulator and connections	1	LS	\$ 500.00	\$ 500	
Pipe Gas AG 0.75"	22	LF	\$ 26.00	\$ 572	
Pipe Gas AG 1"	70	LF	\$ 34.00	\$ 2,380	
Pipe Gas AG 2"	269	LF	\$ 52.00	\$ 13,988	
Pipe Gas Buried 0.75" to Grills	28	LF	\$ 37.00	\$ 1,036	
Pipe Gas Buried 2" to generator	69	LF	\$ 65.00	\$ 4,485	
Water heater -	1	LS	\$ 12,500.00	\$ 12,500	
Water heater - Intake & Exhaust Flue	32	LF	\$ 38.00	\$ 1,216	
PET-1 - Expansion Tank	1	EA	\$ 1,850.00	\$ 1,850	
Air Separator	1	EA	\$ 1,975.00	\$ 1,975	
2-1/2" Reduced Backflow Preventer	1	EA	\$ 1,725.00	\$ 1,725	
Hot water tempering valve 140 / 110	1	LS	\$ 3,500.00	\$ 3,500	
Hot water recirculation system with pump and controls	1	LS	\$ 3,750.00	\$ 3,750	
Balancing vales for HWR	8	EA	\$ 125.00	\$ 1,000	
Domestic water booster pump - Assume not required	<NIC>				
Domestic Water 3"	198	LF	\$ 51.00	\$ 10,098	
Domestic Water 2"	236	LF	\$ 45.00	\$ 10,620	
Domestic Water 1.25"	-	LF	\$ 27.00	\$ -	
Domestic Water 1.0"	257	LF	\$ 23.00	\$ 5,911	
Domestic Water 0.75" & 0.5"	431	LF	\$ 17.00	\$ 7,327	
Domestic Water 0.75" & 0.5" Underslab	40	LF	\$ 45.00	\$ 1,800	
Pipe insulation - blended cost	1,122	LS	\$ 7.25	\$ 8,135	
Sanitary 3" PVC	147	LF	\$ 26.00	\$ 3,822	
Sanitary 4" PVC	340	LF	\$ 32.00	\$ 10,880	
Sanitary 6" PVC	287	LF	\$ 44.00	\$ 12,628	
Sanitary Vent piping - PVC	160	LF	\$ 28.00	\$ 4,480	
Sanitary CO	7	EA	\$ 375.00	\$ 2,625	
T&B for underslab sanitary	531	LF	\$ 25.00	\$ 13,275	
Storm Drains - Combination Overflow	9	EA	\$ 1,225.00	\$ 11,025	
Storm Overflow cows tongue	4	EA	\$ 565.00	\$ 2,260	
Storm 4" CIP	251	LF	\$ 54.00	\$ 13,554	
Storm 6" CIP	178	LF	\$ 67.00	\$ 11,926	
Condensate Drains	528	LF	\$ 22.00	\$ 11,616	
Fixture - ADA Dual water cooler Bottle filler Elkay EZH2O	1	EA	\$ 2,150.00	\$ 2,150	
Fixture - Custodial basin and Hydrants	1	EA	\$ 795.00	\$ 795	
Fixture - FP Hose Bib	4	EA	\$ 310.00	\$ 1,240	
Fixture - Floor drain with trap primer	4	EA	\$ 1,225.00	\$ 4,900	
Fixture - Floor drain Kitchen	< Removed >				
Fixture - S1 Sink	1	EA	\$ 2,425.00	\$ 2,425	
Fixture - KS-1 - Kitchen	< In Food Service Equip >				
Fixture - KS-2 - Kitchen	< In Food Service Equip >				
Fixture - EWC-1a	1	EA	\$ 3,750.00	\$ 3,750	
Fixture - Eyewash	1	EA	\$ 1,725.00	\$ 1,725	
Fixture - Sink and faucet - TR wall hung vitreous	4	EA	\$ 1,100.00	\$ 4,400	
Fixture - Wall Hydrant	6	EA	\$ 225.00	\$ 1,350	
Fixture - Water Closet	4	EA	\$ 1,675.00	\$ 6,700	
Fixture - Faucet deck mount kitchen sinks	2	EA	\$ 225.00	\$ 450	
Fixture - Faucet / Sprayer @ Gear wash sinks	< Removed >				
Fixture - Shower Assembly and Shower valves	4	EA	\$ 3,375.00	\$ 13,500	
Fixture - Gear Wash Basin and Valve / Sprayer Assembly	< Removed >				
Fixture Carriers	8	EA	\$ 425.00	\$ 3,400	
Fixture Rough-in	27	EA	\$ 275.00	\$ 7,425	
Compressor AC-1 Champion VRV5-6 installed	< By Owner >				
Pipe - compressed Air	285	LF	\$ 24.00	\$ 6,840	
AJ Air Connection	6	EA	\$ 235.00	\$ 1,410	
Temperature Maintenance Cable and controller	1	LS	\$ 6,500.00	\$ 6,500	
Apparatus Trench Drains - Prefab with H2O Grates	140	LF	\$ 195.00	\$ 27,300	
Fixture Rough-in & Connections - Kitchen	3	LS	\$ 375.00	\$ 1,125	
Fixture Rough-in & Connections - Water heaters	1	LS	\$ 750.00	\$ 750	
Other Plumbing Systems (includes Subcontractor Mgmt, Submittals, testing, Temp svcs)	8,771	SF	\$ 1.10	\$ 9,648	
Subtotal Plumbing					\$ 307,577
23 00 00 HVAC	8,771	SF	77.29		
Major Equipment					
VRF Systems	20.0	TON	\$ 5,390.00	\$ 107,800	
VRF Refrigerant Pipe w/ Insulation	1,326.0	LF	\$ 45.00	\$ 59,670	
VRF Refrigerant Pipe w/ Insulation to CU	132.6	LF	\$ 75.00	\$ 9,945	
VRF Controllers	3.0	EA	\$ 6,500.00	\$ 19,500	
Condensate Pumps - Diamond	19.0	EA	\$ 285.00	\$ 5,415	
DOAS / ERV	1	LS	\$ 59,162.25	\$ 59,162	
Mini Split HVAC System - IT Room 1 ton	1	TON	\$ 7,500.00	\$ 7,500	
EF-1 & EF-2 Electrical & Mechanical	1,425	CFM	\$ 4.95	\$ 7,054	
EF-3 & EF-4 Sprinkler & Work Room	300	CFM	\$ 7.95	\$ 2,385	
EF-5 - Exhaust Fan with CO Sensors @ Apparatus Bays	2,400	CFM	\$ 4.95	\$ 11,880	
EF-6 - Exhaust Fan with CO Sensors @ Apparatus Bays	180	CFM	\$ 7.95	\$ 1,431	
EF-8 & EF-9 Gear locker - Exhaust Fan with CO Sensors @ Apparatus Bays	200	CFM	\$ 7.95	\$ 1,590	
EF-7 - Exhaust Fan Decon	175	CFM	\$ 7.95	\$ 1,391	
EF-10 - Exhaust Fan Drier booster	150	CFM	\$ 4.95	\$ 743	
EF-11 - Exhaust Fan SCBA	1,980	CFM	\$ 4.95	\$ 9,801	
TEF-1	< Included in Magnequip \$ >				
SF-1 - Supply Fan	< Removed >				

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
SF-2 - Supply Fan					
DF-1&2 Destratification Fan	2	EA	\$ 3,125.00	\$ 6,250	
Motorized Ventilation Louver ILO SF-1 / SF-2	1	LS	\$ 3,500.00	\$ 3,500	
KMUA-1	1	LS	\$ 22,850.00	\$ 22,850	
KEF-1 - Exhaust Fan	1,250	CFM	\$ 6.45	\$ 8,063	
Gas fired unit heaters	4	EA	\$ 3,150.00	\$ 12,600	
EWB Electric Wall Heaters	3	EA	\$ 2,750.00	\$ 8,250	
EUH Electric Unit Heaters	2	EA	\$ 2,250.00	\$ 4,500	
Kitchen Hood with Ansul System	1	LS	\$ 12,500.00	\$ 12,500	
<u>Distribution Systems</u>					
16 Gauge Sched 40 Grease Duct (Welded)	1	LS	\$ 7,500.00	\$ 7,500	
Stainless Steel Duct (Dishwasher Exhaust)					
Ductwork Galvanized	6,407	LBS	\$ 17.00	\$ 108,919	
<u>Insulation</u>					
Duct Wrap Insulation	6,707	SF	\$ 6.15	\$ 41,248	
Duct Fire Wrap	1	LS	\$ 5,500.00	\$ 5,500	
Registers	38	EA	\$ 140.00	\$ 5,320	
Supply / Return Sound Attenuators	2	LS	\$ 2,500.00	\$ 5,000	
Volume Dampers	38	EA	\$ 110.00	\$ 4,180	
Misc. Duct Accessories / connections	1	LS	\$ 5,500.00	\$ 5,500	
Flues for GFUW	4	EA	\$ 1,250.00	\$ 5,000	
Exterior Louvers	1	LS	\$ 3,750.00	\$ 3,750	
Vehicle CO Detection controls	1	LS	\$ 3,500.00	\$ 3,500	
Controls and Instrumentation - Assumes Factory Controls with minimal DDC for local access	8,771	SF	\$ 5.45	\$ 47,802	
Systems Testing & Balancing	8,771	SF	\$ 0.65	\$ 5,701	
Other HVAC Systems & Equipment					
Coordination & Management	1	LS	\$ 25,000.00	\$ 23,750	
Seismic Restraints / Bracing	1	LS	\$ 1,500.00	\$ 1,425	
Coring & Patching / Firestopping	1	LS	\$ 750.00	\$ 713	
Hoisting & Rigging / Floor Loading	1	LS	\$ 2,500.00	\$ 2,375	
Shop Drawings & Submittals	1	LS	\$ 1,850.00	\$ 1,758	
BIM Coordination & Mgmt					
Record Drawings / as built	1	LS	\$ 3,500.00	\$ 3,325	
Equipment Start up and Inspection	1	LS	\$ 7,500.00	\$ 7,125	
Access panels - furnish only	1	LS	\$ 1,500.00	\$ 1,425	
Commissioning	1	LS	\$ 3,500.00	\$ 3,325	
Subtotal HVAC					\$ 677,919
26 00 00 Electrical	8,771	SF	83.77		
<u>Normal Power Distribution</u>					
MCB 800A / CT Cab	1	EA	\$ 17,500.00	\$ 17,500	
SB-1 800A 120/208	1	EA	\$ 28,000.00	\$ 28,000	
Panel PP-1 225A 60p	1	EA	\$ 9,750.00	\$ 9,750	
Panel PP-2 225A 60p	1	EA	\$ 9,750.00	\$ 9,750	
Panel RP-3 225A 60p	1	EA	\$ 9,750.00	\$ 9,750	
Panel RP-4 400A 42p	1	EA	\$ 8,225.00	\$ 8,225	
<u>Feeders</u>					
Secondary feeder 800A	75	LF	\$ 465.00	\$ 34,875	
400A Feeder EMT copper	200	LF	\$ 161.00	\$ 32,200	
225A Feeder EMT copper	250	LF	\$ 115.00	\$ 28,750	
<u>Machine & Equipment Power</u>					
DOAS-1 50A 208v connect	1	EA	\$ 1,825.00	\$ 1,825	
KMUA-1 30A 208v connect	1	EA	\$ 1,428.14	\$ 1,428	
ERC-1 30A 208v connect	1	EA	\$ 1,165.00	\$ 1,165	
EWB1-3	3	EA	\$ 975.00	\$ 2,925	
EUH 1-2	2	EA	\$ 1,225.00	\$ 2,450	
EF1-11	11	EA	\$ 595.00	\$ 6,545	
DF1-1&2	2	EA	\$ 595.00	\$ 1,190	
CU 60A 120v connect	3	EA	\$ 1,295.00	\$ 3,885	
FCU 20 A Circuit & Connection	20	EA	\$ 425.00	\$ 8,500	
VRF Control Boxes	3	EA	\$ 795.00	\$ 2,385	
Equipment connection Washing Machine 100A	2	EA	\$ 725.00	\$ 1,450	
Equipment connection Dryer	2	EA	\$ 845.00	\$ 1,690	
Equipment connection Door operator	6	EA	\$ 1,125.00	\$ 6,750	
Chord reel hard wired	4	EA	\$ 1,250.00	\$ 5,000	
Equipment - DECON Room	2	EA	\$ 525.00	\$ 1,050	
Equipment - Antennae Ground in Conduit 75'	1	EA	\$ 1,250.00	\$ 1,250	
Equipment -Conduit roof to watch room	1	EA	\$ 800.00	\$ 800	
Equipment connection Plymovent system	6	EA	\$ 795.00	\$ 4,770	
Fire pump connection					
KEF-1 Kitchen exhaust fan 1-1/2HP 480v connect	1	EA	\$ 1,250.00	\$ 1,250	
Kitchen Equipment & Hood controls connections	1	LS	\$ 3,750.00	\$ 3,750	
Floor boxes and outlets					
Equipment Power branch wiring	8,771	LS	\$ 1.65	\$ 14,472	
<u>Emergency Power and Distribution</u>					
Generator and 800A ATS -150 KW Natural Gas	1	LS	\$ 150,000.00	\$ 150,000	
<u>PV Readiness</u>					
Conduit to roof	1	LS	\$ 2,750.00	\$ 2,750	
<u>General Power</u>					
<u>Device Branch</u>					
Equipment Disconnect	13	EA	\$ 525.00	\$ 6,825	
Equipment Disconnect WP	21	EA	\$ 735.00	\$ 15,435	
Recept Double Duplex	12	EA	\$ 142.00	\$ 1,704	
Recept Duplex	70	EA	\$ 96.00	\$ 6,720	
Recept Duplex GFI	66	EA	\$ 135.00	\$ 8,910	
Recept Duplex GFI WP	19	EA	\$ 165.00	\$ 3,135	
Recept Duplex WP	25	EA	\$ 112.00	\$ 2,800	
Recept Emergency Power Off	1	EA	\$ 650.00	\$ 650	
Conduits & Conductors	8,771	SF	\$ 1.71	\$ 14,998	
<u>Lighting and Branch</u>					
<u>Lighting</u>					
A1, A2, A3 Fixture 2x2 Troffer DayBrite 2TG-20L-840-2-FS-12F-UNV-DIM	47	EA	\$ 175.00	\$ 8,225	
B1 Fixture - 6" round recessed fixtures	28	EA	\$ 195.00	\$ 5,460	
B2 Exterior 6" round recessed fixtures	6	EA	\$ 225.00	\$ 1,350	
C1 Fixture - Pendant 8' @ Aparatus bay	16	EA	\$ 445.00	\$ 7,120	
D1 Fixture - Surface mount 4'	20	EA	\$ 225.00	\$ 4,500	
D2 Fixture - surface mount 8'	3	EA	\$ 345.00	\$ 1,035	

Base Estimate

Element / Description	Quantity	Unit	Unit Rate (\$)	Extension (\$)	Subtotal (\$)
E1 Fixture	3	EA	\$ 265.00	\$ 795	
E2 Fixture	5	EA	\$ 215.00	\$ 1,075	
E3 Fixture	3	EA	\$ 215.00	\$ 645	
W1 Exterior wall packs	3	EA	\$ 450.00	\$ 1,350	
Fixture installation troffer	47	EA	\$ 128.00	\$ 6,016	
Fixture installation Surface 4'	20	EA	\$ 152.00	\$ 3,040	
Fixture installation Surface 8'	3	EA	\$ 183.00	\$ 549	
Fixture installation Pendant 8' apparatus bay	16	EA	\$ 310.00	\$ 4,960	
Fixture installation Recessed	34	EA	\$ 145.00	\$ 4,930	
Fixture installation Sconce	3	EA	\$ 125.00	\$ 375	
Fixture installation Emergency Exit	11	EA	\$ 165.00	\$ 1,815	
<u>Lighting Device Branch & Controls</u>	8,771	SF	\$ 3.95	\$ 34,645	
Sensor OC	19	EA	Included		
Switch \$	21	EA	Included		
Switch \$3K	3	EA	Included		
Switch D	15	EA	Included		
Switch OC	9	EA	Included		
<u>Lightning and Power Specialties</u>					
Building & service grounding	1	LS	\$ 4,500.00	\$ 4,500	
Lighting protection	< N/A >				
<u>Miscellaneous Systems</u>					
Temporary power and lights	8,771	LS	\$ 0.65	\$ 5,701	
Subcontractor site office & storage	1	LS	\$ 5,000.00	\$ 5,000	
Subcontractor lifts & scaffolding	1	LS	\$ 2,500.00	\$ 2,500	
BIM Coordination	< N/A >				
Bond excluded	< N/A >				
<u>Testing and Commissioning</u>					
Testing and commissioning	1	LS	\$ 5,000.00	\$ 5,000	
<u>Communications</u>					
<u>Telephone and Communications Systems</u>	< Assumes by Owner >				
Telecomm Backbone raceways	1	LS	\$ 3,500.00	\$ 3,500	
Telecomm Box & 1-1/4" EMT wall sleeve	1	LS	\$ 1,250.00	\$ 1,250	
Telecom box and riser	19	EA	\$ 225.00	\$ 4,275	
2V/2D CAT 6 cable /termination & testing	33	EA	\$ 395.00	\$ 13,035	
WAP 2D CAT 6 cable /termination & testing	10	EA	\$ 265.00	\$ 2,650	
IDF Closet fit up	1	EA	\$ 7,500.00	\$ 7,500	
<u>Av System</u>					
Local Sound Systems	1	EA	\$ 10,000.00	\$ 10,000	
<u>Public Address Systems</u>					
Public Address Systems - Head end	1	EA	\$ 23,150.00	\$ 23,150	
Speakers	34	EA	\$ 225.00	\$ 7,650	
Television Mount	8	EA	\$ 300.00	\$ 2,400	
<u>Safety & Security</u>					
<u>Security Access Control</u>	< Assumes by Owner >				
Control panels ,licenses and programming allowance	1	LS	\$ 7,500.00	\$ 7,500	
Access control door roughing & devices	1	EA	\$ 1,250.00	\$ 1,250	
Door bell / buzzer	4	EA	\$ 3,500.00	\$ 14,000	
[CR] Card reader raceway, device & wire	7	EA	\$ 795.00	\$ 5,565	
[DC] Door contact					
<u>Surveillance System</u>					
Head end equipment, Monitors, Avigilon Licencing, Programming	1	LS	\$ 5,500.00	\$ 5,500	
Cameras Avigilon - including mounting, cabling and connections	7	EA	\$ 1,350.00	\$ 9,450	
<u>Fire Alarm System</u>					
Equipment ,devices and programming	1	LS	\$ 3,250.00	\$ 3,250	
F/A Addressable control panel	1	EA	\$ 1,725.00	\$ 1,725	
FA-CFA	5	EA	\$ 925.00	\$ 4,625	
FA-Heat	8	EA	\$ 196.00	\$ 1,568	
FA-Horn Strobe	9	EA	\$ 240.00	\$ 2,160	
FA-Horn Strobe WP	4	EA	\$ 365.00	\$ 1,460	
FA-Pull	7	EA	\$ 239.00	\$ 1,673	
FA-Smoke	31	EA	\$ 385.00	\$ 11,935	
F/A Tamper switch & monitor module	2	EA	\$ 378.90	\$ 758	
F/A Flow switch & monitor module	1	EA	\$ 377.18	\$ 377	
F/A Pressure switch & monitor module	2	EA	\$ 355.29	\$ 711	
F/A SLC/NAC 3/4" EMT & loop circuits	260	LF	\$ 10.00	\$ 2,599	
F/A 14/4 FPLP/MC cable	725	LF	\$ 4.31	\$ 3,127	
F/A 16/2 FPLP/MC cable	700	LF	\$ 3.26	\$ 2,280	
Subtotal Electrical					\$ 734,766
33 00 00 Sitework					
Sitework from PACS Site estimate	1	LS	\$ 1,192,815.48	\$ 1,192,815	
					\$ 1,192,815

		City of Bristol New Firehouse No.3				\$ 1,192,815	
		Quantity	Unit			Wednesday, July 31, 2024	
				Unit Price	Extended Total		
Temporary Site Security Fencing						8,080.75	
6' CLF, panels		975	lf	5.69	5,547.75		
24' Double drive gate		1	ea	900.00	900.00		
Privacy mesh		300	lf	1.61	483.00		
Temp. signage as needed		1	ls	1,150.00	1,150.00		
Surveying & Layout for Sitework						13,650.00	
Surveying LS		1	ls	12,500.00	12,500.00		
Red line as-builts		1	ls	1,150.00	1,150.00		
A-2 As-Built survey - Excluded					-		
Winter Conditions - Excluded						-	
Erosion Control						28,927.87	
Construction entrance		1	ea	2,750.00	2,750.00		
Staked hay bales		144	ea	13.00	1,872.00		
Dewatering - open pumping only		60	hrs	153.90	9,234.00		
Dust control		10	hrs	124.89	1,248.90		
Inlet protection		12	ea	157.32	1,887.84		
Silt fence, 36" tall		557	lf	4.04	2,250.28		
Pump water filter bag (15' x 15')		3	ea	745.96	2,237.88		
Sweeping (truck)		10	hrs	124.89	1,248.90		
Temp. sediment basin		< Removed >			-		
Temp swales / earth dikes		< Removed >			-		
Mulch on temp swale		< Removed >			-		
Temp. outlet structure w/ riser		< Removed >			-		
Overflow spillway / checkdams - Stone		< Removed >			-		
E&S Inspection & reports		40	hrs	90.00	3,600.00		
Furnish 20 gallon oil spill kit		1	ea	146.57	146.57		
Removal of E&S measures		1	ls	1,653.02	1,653.02		
Site Demolition						22,664.54	
Clearing & Grubbing / Selective tree removals		1	ls	7,500.00	7,500.00		
Remove fencing		250	lf	5.65	1,412.50		
Sawcut Asphalt		683	lf	9.18	6,269.94		
Strip & load asphalt		59	cy	47.31	2,800.05		
Export asphalt		59	cy	20.12	1,190.81		
Strip & load concrete - small area, sidewalk (backhoe & handwork)		27	cy	45.73	1,226.58		
Export concrete		27	cy	20.12	539.66		
Dumpsters		2	ea	862.50	1,725.00		
Building Demolition - Not Required (See Selective)						-	
Earthwork -						33,754.55	
Strip & Stockpile topsoil for processing		933	cy	6.35	5,924.55		
Export excess topsoil (load & Haul)		< Assumes balanced >			-		
Unsuitable Soils / removal and replacement per Geotech		< Excluded >			-		
Mass Earthwork Cuts to fills		2,200	cy	12.65	27,830.00		
Mass Earthwork Import & Place		< Assumes balanced >			-		
Segmental Block Retaining Walls - Assumes not required						-	
Structural Excavation						129,136.50	
Foundation Structural Earthwork		9,430	sf	7.95	74,968.50		
Furnish rigid insulation 4' x 8' x 2"		3,904	sf	4.45	17,372.80		
Footing Drains w/ Crushed Stone & Fabric		488	lf	43.65	21,301.20		
Furnish vertical drain board		2,440	sf	6.35	15,494.00		
Work Inside Existing Building						-	
Storm Drainage						258,305.16	
Test pits in street prior to construction - Assumes no street connection		2	ea	1,750.00	3,500.00		
Traffic control		80	hrs	86.25	6,900.00		
6" HDPE Storm drains (2-4vf)		90	lf	40.22	3,619.80		
8" HDPE Storm drains (2-4vf)		91	lf	43.57	3,964.87		
12" HDPE (4-6vf)		485	lf	50.52	24,502.20		
15" HDPE (4-6vf)		35	lf	70.14	2,454.90		
24" HDPE (4-6vf)		10	lf	87.68	876.80		
12" RCP (10-12vf)		223	lf	78.72	17,554.56		
15" RCP (10-12vf)		< Removed >			-		
Yard drains (2-4vf)		4	ea	2,123.89	8,495.56		
Catch basin w/ 4' sump (6-8vf)		5	ea	3,436.68	17,183.40		
Manhole 4' diameter (10-12vf)		1	ea	3,173.18	3,173.18		
Tie into existing structure in street		1	ea	2,250.00	2,250.00		
Tie into stub at building		2	ea	382.25	764.50		
Stone bedding		48	cy	31.86	1,538.84		
Sand cover		131	cy	26.51	3,480.47		
Detention System -						-	
Outlet Control Structure		1	ea	8,234.42	8,234.42		
Water quality structure Barracuda		1	ea	18,195.00	18,195.00		
Detention System - Excavate to bottom of stone in Mass EW					-		
Crushed stone bottom - in place		100	cy	52.00	5,200.00		
Crushed stone Sides - in place		107	cy	52.00	5,546.67		
Retain it structures 3' delivered		40	ea	1,295.00	51,800.00		
Retain it inspection risers		4	ea	395.00	1,580.00		
F&I Liner		4,000	sf	9.65	38,600.00		
Install Structures		24	hrs	907.00	21,768.00		
4" HDPE Underdrain system in Stone bedding		100	lf	40.22	4,022.00		
Install Inspection manholes		4	ea	775.00	3,100.00		

		City of Bristol New Firehouse No.3				\$ 1,192,815		
		Quantity	Unit			Unit Price	Extended Total	Wednesday, July 31, 2024
Sanitary Sewer							47,239.03	
Tie in in street	1	ea		6,468.84		6,468.84		
Traffic control	12	hrs		86.25		1,035.00		
Temp pavement patch	30	sy		46.00		1,380.00		
Core into existing manhole	< Removed >					-		
4" PVC SDR-35 (6-8vf)	16	lf		38.76		620.16		
6" PVC SDR-35 (8-10vf)	225	lf		46.28		10,413.00		
Cleanouts	2	ea		955.67		1,911.34		
Wye in Street - Connect to Main	1	ls		2,000.00		2,000.00		
Manhole over existing Sanitary in street	< Removed >					-		
Decontamination-storage-tank Pipes, Level-controls	< Removed >					-		
Oil / water separator 1000 gallon	1	ea		5,394.83		5,394.83		
Tie into stub at building	2	ea		382.25		764.50		
Stone bedding	19	cy		34.00		637.31		
Sand cover	37	cy		26.51		993.83		
Export excess material	56	cy		23.00		1,293.37		
Testing (vacuum)	2	ls		1,412.85		2,825.70		
Water System - New Fire & DOM Water Service							57,874.87	
Test pits in street prior to construction	2	ea		1,617.21		3,234.42		
Traffic control	16	hrs		86.25		1,380.00		
Temp pavement patch	2	sy		46.00		92.00		
8" x 6" Wet-tap in Road	2	ea		5,325.00		10,650.00		
Traffic control	20	hrs		86.25		1,725.00		
Temp pavement patch	20	sy		46.00		920.00		
Meter vault	< Excluded >					-		
4" DIP CL54	140	lf		61.01		8,541.40		
6" DIP CL54	135	lf		77.07		10,404.45		
4" Gate valve	1	ea		1,146.95		1,146.95		
6" Gate valve	1	ea		1,312.63		1,312.63		
6" Post indicator valve	1	ea		2,867.52		2,867.52		
4" Bends	3	ea		458.72		1,376.16		
6" Bends	3	ea		516.07		1,548.21		
6" x 4" Reducer	1	ea		471.46		471.46		
Fire Water Storage-Assembly	< Removed >					-		
Excavate for Tank Foundation	< Removed >					-		
Tank Hold-down-slab-Assumes 12" thick-for-	< Removed >					-		
Tank-Cover-slab	< Removed >					-		
Tank, Manway, collars, Sump, hold-down straps, turnbuckles, deadman anchors delivered	< Removed >					-		
Installation-of-tank, anchors, straps, plumbing	< Removed >					-		
Backfill-tank-with-stone	< Removed >					-		
Pumping-Open-pumping-watertable	< Removed >					-		
Hydrants - Practice Hydrant	< Removed >					-		
Thrust blocks	6	ea		354.65		2,127.90		
Stub 4" DIP inside building from 5' away, stub AFF & flanged cap	1	ea		2,639.36		2,639.36		
Stub 6" DIP inside building from 5' away, stub AFF & flanged cap	1	ea		2,602.40		2,602.40		
Stone bedding	21	cy		34.00		727.22		
Sand cover	43	cy		26.51		1,134.04		
Export excess material	64	cy		19.36		1,242.27		
Testing (bacteria & pressure tests)	1	ls		1,731.48		1,731.48		
Gas Service E/B							7,195.59	
Gas service -	< Removed >					-		
Traffic control	16	hrs		86.25		1,380.00		
Temp pavement patch	20	sy		46.00		920.00		
Permanent pavement restoration	< Removed >					-		
E/B for Gas service	228	lf		9.49		2,163.72		
Sand bedding	41	cy		26.51		1,074.54		
Export excess material	41	cy		13.75		557.33		
Provide Gas Service to Grill locations	50	lf		22.00		1,100.00		
Site Electric							66,865.77	
Locate existing service on-site	1	ea		592.89		592.89		
E/B Primary ductbank	249	lf		11.86		2,953.14		
Primary Conduits	498	lf		20.00		9,960.00		
Sand bedding	22	cy		26.51		586.75		
Concrete encasement (free pour)	5	cy		209.58		1,117.76		
#4 Rebar for ductbank	240	lf		0.92		220.80		
E/B Secondary ductbank	70	lf		11.86		830.20		
Secondary Conduits	280	lf		20.00		5,600.00		
Sand bedding	6	cy		26.51		164.95		
E/B Generator UG Feed	60	lf		11.86		711.60		
Generator Conduits	60	lf		60.00		3,600.00		
Sand bedding	5	cy		26.50		141.33		
E/B EV Charger	< Removed >					-		
EV Charger Conduit's	< Removed >					-		
Sand bedding	< Removed >					-		
Quartzite pull boxes	< Removed >					-		
E/B Other conduits (Telecom)	300	lf		11.86		3,558.00		
Telecom Conduit's	900	lf		20.00		18,000.00		
Sand bedding	22	cy		26.51		586.75		
Concrete encasement (free pour)	5	cy		209.58		1,117.76		
#4 Rebar for ductbank	240	lf		0.92		220.80		
Transformer pad & Grounding	1	ls		4,275.00		4,275.00		
Generator pad & Grounding	1	ls		6,750.00		6,750.00		
Electric handhole	1	ls		1,426.82		1,426.82		
Pole riser	1	ls		1,662.30		1,662.30		
Load & Export excess material	66	cy		28.00		1,861.69		
Eversource Pole relocation #2379 - Assumes by Utility Company	< Excluded >					-		

		City of Bristol New Firehouse No.3		\$ 1,192,815	
		Quantity	Unit	Unit Price	Extended Total
		Wednesday, July 31, 2024			
Site Lighting		79,486.96			
Concrete pole bases (6-8vf bury)	12	ea	1,082.19	12,986.28	
E/B for Conduits	1,079	lf	11.86	12,796.94	
Site Lighting conduits & Conductors	1,079	lf	12.95	13,973.05	
Sand bedding	48	cy	26.51	1,271.30	
Export excess material	48	cy	13.75	659.39	
Site light poles, fixtures S1	2	ea	2,650.00	5,300.00	
Site light poles, fixtures S2	7	ea	2,950.00	20,650.00	
Site light poles, fixtures S3	3	ea	2,725.00	8,175.00	
Flagpole light fixtures G1	3	ea	1,225.00	3,675.00	
Curbing		32,928.00			
Cast-in-place concrete curb	1,029	lf	32.00	32,928.00	
Concrete Sidewalks & Pavers		42,242.29			
Form subgrade	422	sy	4.74	2,001.33	
6" Base material	84	cy	34.75	2,934.44	
Fine grade	422	sy	4.74	2,001.33	
E/B Monolithic curb	194	lf	4.54	880.76	
5" Concrete sidewalks w/ wire	3,800	sf	8.45	32,110.00	
Monolithic curb	194	lf	11.93	2,314.42	
Detectable warning surfaces - tiles	< Removed >		-	-	
Concrete Site Stairs - None identified		-			
Paved Surfaces		207,519.82			
<u>Standard Duty</u>		-			
Form subgrade	1,321	sy	1.03	1,360.86	
6" Subbase	264	cy	38.00	10,041.29	
6" Process Base	264	cy	48.00	12,683.73	
Fine grade	1,321	sy	1.15	1,519.41	
Prime coat	1,321	sy	1.15	1,519.41	
1.5" Binder	116	ton	160.00	18,497.11	
Tack coat	1,321	sy	0.58	766.31	
1.5" Surface	116	ton	165.00	19,075.15	
<u>Heavy Duty</u>		-			
Form subgrade	845	sy	1.03	870.81	
6" Subbase	169	cy	38.00	6,425.38	
6" Process Base	169	cy	48.00	8,116.27	
Fine grade	845	sy	1.15	972.26	
Prime coat	845	sy	1.15	972.26	
2.5" Binder	123	ton	160.00	19,695.47	
Tack coat	845	sy	0.58	490.36	
1.5" Surface	74	ton	165.00	12,206.10	
<u>Heavy Duty Concrete Apron @ Building</u>		-			
Form subgrade	142	sy	1.03	146.72	
Geotextile fabric	1,410	sf	0.30	423.06	
10" Base	47	cy	56.00	2,658.96	
Fine grade	142	sy	1.15	163.81	
8" Reinforced Concrete Apron with 2x Rebar mats T&B	1,282	sf	22.50	28,845.00	
<u>Heavy Duty Concrete Apron @ road</u>		-			
Form subgrade	49	sy	1.03	50.93	
Geotextile fabric	490	sf	0.30	146.85	
10" Base	16	cy	56.00	922.96	
Fine grade	49	sy	1.15	56.86	
8" Reinforced Concrete Apron with 2x Rebar mats T&B	445	sf	22.50	10,012.50	
<u>Pavement patching - Temp and permanent @ street for utility connections</u>		418	sy	117.00	48,880.00
Site Signage		3,750.00			
Site Signage Allowance	1	ls	3,750.00	3,750.00	
Landscaping		102,813.77			
Plantings					
Desiduous Trees	4	ea	1,500.00	6,000.00	
Evergreen Trees	56	ea	975.00	54,600.00	
Shrubs	36	ea	265.00	9,540.00	
Annuals, Perennials & Grasses	52	ea	65.00	3,380.00	
Plantings mix & Mulch (18")	113	cy	95.00	10,754.00	
Stone mulch - river cobble	18	cy	65.00	1,161.33	
Weed barrier fabric / Mirafi root barrier	1,250	sf	0.96	1,200.00	
Steel edging	202	lf	6.90	1,393.80	
Topsoil Screen stockpiled (assume 70% useable)	482	cy	6.00	2,889.60	
Load & Export screening spoils (Assumes clean)	144	cy	23.00	3,323.04	
Move and place screened topsoil	482	CY	9.00	4,338.00	
Seeding	21,675	sf	0.08	1,734.00	
Maintenance	1	ls	1,500.00	1,500.00	
Watering	1	ls	1,000.00	1,000.00	
Fence & Guiderail		36,975.00			
6' Ornamental metal fence	< Removed >		-	-	
8' Screen fence @ Generator	120	lf	135.00	16,200.00	
6' Ornamental Man Gate - 5' swing	< Removed >		-	-	
8' Dual Swing Gate - 8' swing	1	ea	4,500.00	4,500.00	
8' Ornamental fence augured footings	21	ea	775.00	16,275.00	
Bollards		6,755.00			
8" Steel bollards	7	ea	965.00	6,755.00	
Site Furnishings		6,650.00			
<u>Furnish materials</u>		-			
Flagpole and base	1	ls	4,500.00	4,500.00	
Shipping	1	ls	2,150.00	2,150.00	
End of Estimate					



**CITY OF BRISTOL
BOARD OF FINANCE AGENDA REQUEST FORM**

To: Board of Finance Commissioners

From: Fire Department
(Requesting Department)

Date: August 23, 2024
(Submission Date)

For the August 27, 2024 Board of Finance Meeting Agenda
(Date of Meeting)

This request is for:
(Please check the type of request and list in whole dollar amounts)

- ☐ Additional Appropriation \$ _____
- ☐ Transfer from Contingency \$ _____
- ☒ Transfer(s) \$ 352,970
- ☐ Grant \$ _____
- ☐ Carry-over(s) \$ _____
- ☐ Other

Approval:

This request was approved by the Board of Fire Commissioners
(Governing Board of your department)
at its meeting held on August 22, 2024
(date)

Handwritten signature of Richard H. Smith.

(Department Head's signature)

7/31/24

All requests to appear on the Board of Finance meeting agenda for consideration must be submitted to Jodi McGrane in the Comptroller's Office by 10:00 a.m. Monday of the preceding week of the meeting. Board of Finance Meetings are held on the fourth Tuesday of each month at 5:30 p.m. in the Council Chambers.

Board of Finance Agenda Request Form

Reason for request:

Year end transfers to cover overages in various accounts.

Transfer(s) complete the following:

From:	001-2211-51400 Regular Wages	To:	0012211-515100 Overtime Wages	Amount:	\$266,130.00
From:	001-2211-51400 Regular Wages	To:	0012211-51700 Other Wages	Amount:	\$67,154.00
From:		To:	-----	Amount:	
From:	0012211-531000 Professional Fees	To:	0012211-541100 Water & Sewer Charges	Amount:	\$369.00
From:	0012211-531000 Professional Fees	To:	0012211-542140 Refuse	Amount:	\$31.00
From:	0012211-531000 Professional Fees	To:	0012211-553000 Telephone	Amount:	\$241.00
From:	0012211-531000 Professional Fees	To:	0012211-553100 Postage	Amount:	\$21.00
From:	0012211-531000 Professional Fees	To:	0012211-562600 Motor Fuels	Amount:	\$9,307
From:	0012211-531000 Professional Fees	To:	0012211-581120 Conferences/Membership	Amount:	\$47.00
From:	0012211-531000 Professional Fees	To:	0012211-581135 Schooling & Education	Amount:	\$9,670.00



**CITY OF BRISTOL
BOARD OF FINANCE AGENDA REQUEST FORM**

To: Board of Finance Commissioners

From: Fire Department
(Requesting Department)

Date: August 23, 2024
(Submission Date)

For the August 27, 2024 Board of Finance Meeting
Agenda
(Date of Meeting)

This request is for:
(Please check the type of request and list in whole dollar amounts)

- ☐ Additional Appropriation \$ _____
- ☐ Transfer from Contingency \$ _____
- ☐ Transfer(s) \$ _____
- ☐ Grant \$ _____
- ☒ Carry-over(s) \$ 16,680.00
- ☐ Other

Approval:

This request was approved by the Board of Fire Commissioners
(Governing Board of your department)
at its meeting held on August 22, 2024.

(date)

Department Head's signature)

Richard [Signature] 7/31/24

All requests to appear on the Board of Finance meeting agenda for consideration must be submitted to Jodi McGrane in the Comptroller's Office by 10:00 a.m. Monday of the preceding week of the meeting. Board of Finance Meetings are held on the fourth Tuesday of each month at 5:30 p.m. in the Council Chambers.

Board of Finance Agenda Request Form

Reason for request:

To carryover funds in the following accounts from 2024 to 2025:

Carryover \$9,000.00 from Professional Fees for the Flash Update pending the purchase of our Mobile Repeaters (FY25 approved Capital Outlay) and \$2,500.00 to continue with our OSHA Consultant.

Carryover \$7,680.00 from Program Supplies to cover 3, W Tools on order and funds for swift water training.

Carry-overs list the following:

Account	Account Name	Amount
0012211-531000	Professional Fees & Services	\$9,000.00
0012211-561800	Program Supplies	\$7680.00