

**ALL COMMON COUNCIL ACTIONS TAKEN AT THIS MEETING TO APPROVE EXPENDITURES
AND CONTRACTS OR TO ACCEPT BIDS AND OTHER PROPOSALS REQUIRING THE
EXPENDITURE OF CITY FUNDS ARE SUBJECT TO THE AVAILABILITY OF FUNDS**

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I. ROLL CALL

II. ACCEPTANCE OF MINUTES

Regular Meeting: October 11, 2022

III. PUBLIC PARTICIPATION

IV. MAYOR

A. RESIGNATIONS AND APPOINTMENTS

RESIGNATIONS:

APPOINTMENTS: Melody D'Alessandro, Commission on the Status of Women
Joan McNiel, Board of Health

REAPPOINTMENTS:

MAYOR'S REMARKS:

V. COUNCIL PRESIDENT

A. GENERAL COUNCIL BUSINESS:

RESIGNATION AND APPOINTMENTS:

RESIGNATIONS:

APPOINTMENTS:

REAPPOINTMENTS:

B. CONSENT CALENDAR:

VI. REPORTS: DEPARTMENTS, BOARDS AND COMMISSIONS

A. CORPORATION COUNSEL

VII. COMMON COUNCIL COMMITTEES

A. FINANCE AND CLAIMS COMMITTEE

1. For informational purpose only: Report of the Claims Committee Dated: October 2022
2. For informational purposes only: Narrative on Tax Collections Dated: October 11, 2022
3. For informational purposes only: Monthly Tax Collector's Report Dated: September 2022
- 4a. Resolution: Requesting a Special Capital Appropriation in the amount of \$195,000 to increase the appropriation to fund the Fire Station 5 Roof Replacement Account # 0923110-5777-C0796. The \$195,000 of bonds or notes of the City shall be issued in accordance with the provisions and terms set forth in the original bond resolutions that authorized the issuance of bonds or notes of the City for Project # 0923110-5777-C0796 (Fire Station 5 Roof Replacement).
- 4b. Resolution: Requesting a Special Capital Appropriation in the amount of \$25,000 to increase the appropriation to fund the Fire Vehicles Account #0923110-5777-C0829 to purchase three new vehicles. The \$25,000 of bonds or notes of the City shall be issued in accordance with the provisions and terms set forth in the original bond resolutions that authorized the issuance of bonds or notes of the City for Project #0923110-5777-C0829 (Fire Vehicles).
- 5a. Authorize the Mayor, Harry W. Rilling, to enter into agreement with Adashi Systems, LLC., the incident command software for Fire trucks, amount not to exceed \$31,130.00 annually. Capital project Account 09231370-5777-C0375 (Fire Truck Technology upgrade)

- 5b. Authorize the Mayor, Harry W. Rilling, for one time purchase of tough books, modems, and assorted hardware's with Telrepco (NASPO - National Association of State Procurement Officials, State of Connecticut Contract Number: 15PSX0221) for Fire Truck Technology upgrade with amount not to exceed \$90,925. Capital project Account 09231370-5777-C0375 (Fire Truck Technology upgrade)
6. Authorize the Mayor, Harry W. Rilling, to submit an application to the State of Connecticut Department of Emergency Services and Public Protection Division of Emergency Management & Homeland Security Grant for the Emergency Management Performance Grant which is approximately \$75,000.

B. RECREATION, PARKS, AND CULTURAL AFFAIRS

1. Authorize the Purchasing Agent to issue a purchase order to M. E. O'Brien and Sons for the Kendall School playground renovations off the CT State Pricing Contract # 17PSX0081, in an amount not to exceed \$163,209.00 from ARPA account # 134010-5796-ARP01

C. COMMUNITY SERVICES COMMITTEE

1. Authorize the Mayor, Harry W. Rilling, to execute any and all agreements, documents, instruments, or amendments as may be necessary to implement VEOCI's Veoci software and the services described in the relevant order form ("Order Form"), which is attached as Schedule D for Health and Human Services Departments for a term of one year in the amount of \$53,639.00 first year total. ARPA Account # 132010-5796-ACS02

IX. MOTIONS POSTPONED TO A SPECIFIC DATE

X. SUSPENSION OF RULES

XI. ADJOURNMENT

APPOINTMENTS

Commission on the Status of Women	M/C	Code 115
Melody D'Alessandro (U)		Term Expires – 9/1/2024
8 Norden Place #17		
Norwalk, CT 06856		

Board of Health	M/C	Norwalk Code 57-4
Joan McNiel (D)		Term Expires – 12/1/2024
19 Linden Heights		
Norwalk, CT 06851		

COMMON COUNCIL REGULAR MEETING OCTOBER 11, 2022
NORWALK, CONNECTICUT COMMON COUNCIL CHAMBERS & VIA
TELECONFERENCE

ALL COMMON COUNCIL ACTIONS TAKEN AT THIS MEETING TO APPROVE EXPENDITURES AND CONTRACTS OR TO ACCEPT BIDS AND OTHER PROPOSALS REQUIRING THE EXPENDITURE OF CITY FUNDS ARE SUBJECT TO THE AVAILABILITY OF FUNDS

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Mayor Rilling called the meeting to order at 7:32 p.m. and led the Assembly in reciting the Pledge of Allegiance.

I. ROLL CALL

Ms. Dixon called the Roll:

Council at Large:	Mr. Gregory Burnett	Mr. Joshua Goldstein
	Ms. Dominique Johnson	Ms. Nora Niedzielski Eichner

CITY OF NORWALK
COMMON COUNCIL
OCTOBER 11, 2022
COMMON COUNCIL CHAMBERS
AND VIA TELECONFERENCE
PAGE 1

Ms. Barbara Smyth

District A:	Ms. Nicol Ayers	Mr. David Heuvelman
District B:	Ms. Diana Revolus	Ms. Darlene Young
District C:	Mr. John Kydes	
District D:	Ms. Heidi Alterman (7:49 p.m.)	Mr. Bryan Meek
District E:	Mr. Thomas Livingston	Ms. Lisa Shanahan

At Roll Call there were thirteen (13) Common Council members present and two (2) absent (Ms. Ms. Alterman and Ms. McMurrer). A Quorum was present.

Also present were City Clerk, Irene Dixon, Assistant City Clerk, Jordan Schantz and Corporation Counsel, Mario Coppola.

II. ACCEPTANCE OF MINUTES

Regular Meeting: September 27, 2022

The following corrections were made:

Correct the spelling of Mr. Milligan's name and Freese Park.

**** MS. SMYTH MOVED TO APPROVE THE MINUTES AS CORRECTED
** MOTION PASSED WITH THREE (3) ABSTENTIONS (MS. NIEDZIELSKI
EICHNER; MS. REVOLUS AND MS. ALTERMAN)**

III. PUBLIC PARTICIPATION

There were no members of the public who wished to participate this evening.

IV. MAYOR

A. RESIGNATIONS AND APPOINTMENTS

RESIGNATIONS: There were no resignations announced this evening.

APPOINTMENTS: There were no appointments announced this evening.

REAPPOINTMENTS:

**** MS. SMYTH MOVED TO APPROVE THE REAPPOINTMENT OF DAVID JAEGER TO THE TRANSIT DISTRICT**

Ms. Smyth spoke in support of the reappointment.

**** MOTION PASSED UNANIMOUSLY**

Mayor Rilling thanked Mr. Jaeger for his willingness to serve.

MAYOR'S REMARKS:

Mayor Rilling announced that Norwalk declared a water emergency last Friday due to critically low water levels and asked residents to abide by conservation efforts.

Mayor Rilling explained that the City continues its celebration of Hispanic Heritage month, celebrating the communities' endless contributions to the city. October is both Domestic Violence Awareness month and Breast Cancer Awareness month and it is critically important to highlight and to continue to spread awareness. Norwalk's Charter Revision Commission will hold their first public hearing on Wednesday, October 12th, at 6:00 p.m. in the Community Room.

V. COUNCIL PRESIDENT

A. GENERAL COUNCIL BUSINESS:

Mr. Livingston noted that tomorrow's Charter Revision Commission's public hearing is a mandated public hearing under State of Connecticut law, but will not be the only public hearing.

Mr. Livingston announced that Mr. Goldstein would be reading this evening's Consent Calendar.

RESIGNATION AND APPOINTMENTS:

RESIGNATIONS: There were no resignations announced this evening.

APPOINTMENTS: There were no appointments announced this evening.

REAPPOINTMENTS: There were no reappointments announced this evening.

B. CONSENT CALENDAR:

**** MR. GOLDSTEIN MOVED TO APPROVE THE FOLLOWING CONSENT CALENDAR:**

VI. REPORTS: DEPARTMENTS, BOARDS AND COMMISSIONS

A. CORPORATION COUNSEL

VII. COMMON COUNCIL COMMITTEES

A. RECREATION, PARKS AND CULTURAL AFFAIRS COMMITTEE

1. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO ENTER INTO A THREE-YEAR AGREEMENT WITH ATLAS PYROVISION ENTERTAINMENT GROUP, INC FOR THE CITY FIREWORKS DISPLAY IN AN AMOUNT NOT TO EXCEED \$43,500.00 FOR 2023, \$47,000.00 FOR 2024, \$49,000.00 FOR 2025, \$52,000.00 FOR 2026 (EXTENSION) AND \$52,000.00 2027 (EXTENSION). ACCOUNT 014103-5298

1A. AUTHORIZE THE DIRECTOR OF RECREATION AND PARKS, OR HIS DESIGNEE, TO APPROVE THE TWO ONE-YEAR CONTRACT EXTENSIONS AS OUTLINED ABOVE.

2. AUTHORIZE THE PURCHASING AGENT O ISSUE A PURCHASE ORDER TO GABRIELLI ISUZU TRUCK IN AN AMOUNT NOT TO EXCEED \$78,676.64 FOR THE SOLE SOURCE PURCHASE OF A 2023 NPRGAS HD ISUZU BOX TRUCK FROM ARPA ACCOUNT: 134010-5796-ARP02.

B. PUBLIC WORKS COMMITTEE

**1. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO C.N. WOOD ENVIRO, LLC FOR THE PURCHASE OF ONE (1) PELICAN NP THREE-WHEEL BROOM STREET SWEEPER FOR A SUM NOT TO EXCEED \$275,345.00
ACCOUNT NO. 09 23 4031 5777 C0313**

2. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO TOTAL FENCE LLC - STATE CONTRACT 18PSX0147 FOR THE SUPPLY AND INSTALLATION OF ABOUT 165 LINEAR FEET OF MERRITT PARKWAY GUIDERAIL ON AIKEN ST. FOR A SUM NOT TO EXCEED \$25,790.00. ACCOUNT NO. 09 23 4021 5777 C0021

09 22 4120 5777 C0581

3A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH THE NY-CONN CORPORATION FOR STATE PROJECT 102-364 WEST AVENUE TRAFFIC SIGNAL SYSTEM UPGRADE, FAP 1102-124 FOR AN AMOUNT NOT TO EXCEED \$870,914.00.

ACCOUNT NO. FHWA LRARP GRANT (90%)

09 22 4120 5777 C0232

09 23 4120 5777 C0232

3B. AUTHORIZE THE DIRECTOR OF TRANSPORTATION, MOBILITY AND PARKING, TO EXECUTE ORDERS ON CONTRACT WITH THE NY-CONN CORPORATION FOR STATE PROJECT 102-364 WEST AVENUE TRAFFIC SIGNAL SYSTEM UPGRADE, PAP 1102-124 FOR AN AMOUNT NOT TO EXCEED \$87,091. ACCOUNT NO. FHWA LRARP GRANT (90%)

09 22 4120 5777 C0232

09 23 4120 5777 C0232

4. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO GABRIELLI TRUCK SALES OF MILFORD FOR THE PURCHASE OF ONE (1) 2023 MACK GR42F PLOW TRUCK NOT TO EXCEED \$265,043.00.

ACCOUNT NO. 09 22 4031 5777 C0313

5. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO GABRIELLI TRUCK SALES OF MILFORD FOR THE PURCHASE OF ONE (1) 2024 MACK GR42F PLOW TRUCK NOT TO EXCEED \$290,801.00.

ACCOUNT NO. 09 22 4031 5777 C0313

09 23 4031 5777 C0313

6A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH A. VITTI EXCAVATORS, LLC FOR PROJECT BR2022-1(SITE 1 AND SITE 2) - BONNY BROOK ROAD OVER HOLY GHOST FATHERS BROOK (SITE 1) AND CANNON STREET OVER BETTS POND BROOK (SITE 2), FOR A SUM NOT TO EXCEED \$654,365.00. ACCOUNT NO.

09 21 4021 5777 C0315

09 22 4021 5777 C0315

09 23 4021 5777 C0315

09 19 4021 5777 C0617

09 20 4021 5777 C0617

09 21 4021 5777 C0617

09 22 4021 5777 C0617

09 23 4021 5777 C0617

09 21 4021 5777 C0440

6B. AUTHORIZE THE INTERIM CHIEF OF OPERATIONS AND PUBLIC WORKS TO EXECUTE ORDERS ON THE CONTRACT WITH A. VITTI EXCAVATORS, LLC FOR PROJECT BR2022-1 (SITE 1 AND SITE 2) – BONNY BROOK ROAD OVER HOLY GHOST FATHERS BROOK (SITE 1) AND CANNON STREET OVER BETTS POND BROOK (SITE 2), FOR A SUM NOT TO EXCEED \$65,436.50.

ACCOUNT NO. 09 21 4021 5777 C0315

09 22 4021 5777 C0315

09 23 4021 5777 C0315

09 19 4021 5777 C0617

09 20 4021 5777 C0617

09 21 4021 5777 C0617

09 22 4021 5777 C0617

09 23 4021 5777 C0617

09 21 4021 5777 C0440

7A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A SECOND AMENDMENT LO THE ORIGINAL SEPTEMBER 8, 2020 AGREEMENT BETWEEN THE CITY OF NORWALK AND M. RONDANO, INC. FOR PROJECT DRG 2020-1 ON-CALL DRAINAGE IMPROVEMENTS AT VARIOUS LOCATIONS FOR A SUM NOT TO EXCEED \$1,052,138.80.

ACCOUNT NO. 134010 5796 APW05

09 20 4062 5777 C0361

09 22 4027 5777 C0302

09 22 4021 5777 C0021

09 23 4021 5777 C0021

09 20 4027 5777 C0643

09 21 4027 5777 C0643

09 22 4027 5777 C0643

09 23 4021 5777 C0315

09 23 7100 5777 C0583

09 21 4021 5777 C0440

09 22 4021 5777 C0440

7B. AUTHORIZE THE INTERIM CHIEF OF OPERATIONS AND PUBLIC WORKS, TO EXECUTE ORDERS ON THE CONTRACT WITH M. RONDANO, INC. FOR PROJECT DRG 2020-1 ON-CALL DRAINAGE IMPROVEMENTS FOR A SUM NOT TO EXCEED \$105,213.78.

ACCOUNT NO. 134010 5796 APW05

09 20 4062 5777 C0361

09 22 4027 5777 C0302
09 23 4021 5777 C0302
09 22 4021 5777 C0021
09 23 4021 5 777 C0021
09 20 4027 5777 C0643
09 21 4027 5777 C0643
09 22 4027 5777 C0643
09 23 4021 5777 C0315
09 23 7100 5777 C0583
09 21 4021 5777 C0440
09 22 4021 5777 C0440

8. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A 2ND AMENDMENT TO THE SEPTEMBER 8, 2020 AGREEMENT BETWEEN THE CITY OF NORWALK AND AHNEMAN KIRBY, LLC. FOR PROJECT NO. 4048 ON-CALL SURVEYING SERVICES FOR A SUM NOT TO EXCEED \$150,000.00. ACCOUNT NO. 09 21 4021 5777 C0302

09 22 4021 5777 C0302
09 21 4021 5777 C0315
09 22 4021 5777 C0315
09 23 4021 5777 C0315
09 21 6030 5777 C0365
09 22 6030 5777 C0365
09 23 6030 5777 C0365
09 21 4021 5777 C0318
09 22 4021 5777 C0318
09 20 4021 5777 C0643
09 21 6030 5777 C0643
09 22 4021 5777 C0643
09 23 7100 5777 C0583
09 20 4021 5777 C0021
09 21 4021 5777 C0021
09 22 4021 5777 C0021
09 23 4021 5777 C0021
01 40 30 5258

C. PUBLIC SAFETY AND GENERAL GOVERNMENT COMMITTEE

1A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE ANY AND ALL AGREEMENT AND DOCUMENTS NECESSARY TO APPLY FOR AND ACCEPT GRANT FUNDING UNDER THE STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, FY 2023 HIGHWAY SAFETY

**PROJECT, DRE INSTRUCTOR SUPPORT GRANT, NOT TO EXCEED \$34,000.
ACCOUNT: TBD**

**1B. AUTHORIZE THE CHIEF OF POLICE, THOMAS KULHAWIK TO
EXECUTE ANY AND ALL AGREEMENTS, DOCUMENTS, INSTRUMENTS,
AND AMENDMENTS AS MAY BE NECESSARY TO IMPLEMENT THE STATE
OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, FY 2023
HIGHWAY SAFETY PROJECT, DRE INSTRUCTOR SUPPORT GRANT, NOT
TO EXCEED \$34,000. ACCOUNT TBD.**

**2A. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE ANY
AND ALL AGREEMENT AND DOCUMENTS NECESSARY TO APPLY FOR
AND ACCEPT GRANT FUNDING UNDER THE STATE OF CONNECTICUT,
FY 2023 HARPA AUTO THEFT & VIOLENCE GRANT, NOT TO EXCEED
\$35,000. ACCOUNT: TBD**

**2B. AUTHORIZE THE CHIEF OF POLICE, THOMAS KULHAWIK TO
EXECUTE ANY AND ALL AGREEMENTS, DOCUMENTS, INSTRUMENTS,
AND AMENDMENTS AS MAY BE NECESSARY TO IMPLEMENT THE STATE
OF CONNECTICUT, FY 2023 ARPA AUTO THEFT & VIOLENCE GRANT,
NOT TO EXCEED \$35,000. ACCOUNT TBD.**

D. LAND USE AND BUILDING MANAGEMENT COMMITTEE

**2. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A THIRD
AMENDMENT TO THE MANAGEMENT AGREEMENT BETWEEN THE CITY
OF NORWALK AND, ODYSSEY LEARNING INC. TO PROVIDE EARLY
CHILDHOOD PROGRAMS IN NATHANIEL ELY CENTER TO EXTEND THE
TERMS OF THE AGREEMENT FROM JUNE 27, 2022 TO JUNE 30, 2024.**

**3. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A THIRD
AMENDMENT TO THE MANAGEMENT AGREEMENT BETWEEN THE CITY
OF NORWALK AND GROWING SEEDS TOO CHILD DEVELOPMENT
CENTER, LLC TO PROVIDE EARLY CHILDHOOD PROGRAMS IN
BENJAMIN FRANKLIN CENTER TO EXTEND THE TERM OF THE
AGREEMENT FROM JUNE 27, 2022 TO JUNE 30, 2024.**

E. ECONOMIC AND COMMUNITY DEVELOPMENT

**1. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO ENTER INTO AN
AGREEMENT WITH CDM SMITH, INC FOR CONTRACT DOCUMENT
MODIFICATIONS AND CONSTRUCTION ADMINISTRATION SERVICES**

**FOR THE HAMILTON AVENUE PEDESTRIAN ACCESS ENHANCEMENT
PROJECT FOR AN AMOUNT NOT TO EXCEED \$59,000.00.**

**** MOTION PASSED UNANIMOUSLY**

Ms. Alterman joined the meeting at 7:49 p.m.

VII. COMMON COUNCIL COMMITTEES

B. PUBLIC WORKS COMMITTEE

**** MS. SMYTH MOVED TO AUTHORIZE THE MAYOR, HARRY W. RILLING
TO EXECUTE AN AGREEMENT WITH KS CORPORATION FOR PROJECT
TMP 2022-3 FURNISHING AND INSTALLING TRAFFIC SIGNS- CT
COMMUNITY CONNECTIVITY GRANT, FOR AN AMOUNT NOT TO
EXCEED \$47,600.00. ACCOUNT NO. 363751 5258 G0017**

**AND TO AUTHORIZE THE DIRECTOR OF TRANSPORTATION, MOBILITY
AND PARKING, TO EXECUTE ORDERS ON CONTRACT WITH KS
CORPORATION FOR PROJECT TMP 2022-3 FURNISHING AND
INSTALLING TRAFFIC SIGNS - CT COMMUNITY CONNECTIVITY GRANT,
FOR AN AMOUNT NOT TO EXCEED \$4,760.00. ACCOUNT NO. 363751 5258
G0017**

Ms. Smyth highlighted the projects and noted they were 100% funded.

Mr. Travers, Director of Transportation and Mobility said they were very happy to move forward on this. He explained they had many conversations with the Connecticut Department of Transportation and this will nearly double the number of City dedicated bike lanes.

Mr. Livingston added that this further the goals of the POCD.

**** MOTION PASSED WITH ONE (1) ABSTENTION (MS. REVOLUS)**

**** MS. SMYTH MOVED TO AUTHORIZE THE MAYOR, HARRY W. RILLING,
TO EXECUTE A 1ST AMENDMENT TO THE SEPTEMBER 8, 2020,
AGREEMENT BETWEEN THE CITY OF NORWALK AND SAFETY
MARKINGS, INC. FOR PROJECT TMP2020-2 PROPOSED PAVEMENT
MARKING, SYMBOLS AND LEGENDS AT VARIOUS LOCATIONS FOR A
SUM NOT TO EXCEED \$71,494.50.
ACCOUNT NO. 363751 5345 G0017**

**AND TO AUTHORIZE THE DIRECTOR OF TRANSPORTATION, MOBILITY AND PARKING, TO EXECUTE A 1ST AMENDMENT TO THE SEPTEMBER 8, 2020, AGREEMENT BETWEEN THE CITY OF NORWALK AND SAFETY MARKINGS, INC. FOR PROJECT TMP2020-2 PROPOSED PAVEMENT MARKING, SYMBOLS AND LEGENDS AT VARIOUS LOCATIONS FOR A SUM NOT TO EXCEED \$7,149.45.
ACCOUNT NO. 363751 5345 G0017**

These are the safety markers for the previous items.

**** MOTON PASSED WITH ONE (1) ABSTENTION (MS. REVOLUS)**

D. LAND USE AND BUILDING MANAGEMENT COMMITTEE

**** MR. LIVINGSTON MOVED TO AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH NEWFIELD CONSTRUCTION GROUP, LLC TO PROVIDE CONSTRUCTION MANAGEMENT SERVICES FOR THE SOUTH NORWALK ELEMENTARY SCHOOL PROJECT. TERMS OF THE AGREEMENT SHALL INCLUDE THE FOLLOWING:**

A. PRECONSTRUCTION PHASE SERVICES FOR A TOTAL NOT TO EXCEED \$98,000.00

B. CM FEE RATE OF 1.25% (% OF TOTAL TRADE BIDS).

C. PROJECTED GENERAL CONDITIONS FEES OF \$1,989,552.00

**D. CM CONTINGENCY AT 1.5% (% OF TOTAL TRADE BIDS)
FOLLOWING THE BIDDING PROCESS, A GUARANTEED MAXIMUM PRICE (GMP) WILL BE SUBMITTED TO COMMON COUNCIL FOR FINAL APPROVAL. ACCT. #09225010 5777 C0808.**

Mr. Livingston explained that this is the next step in moving the construction of the South Norwalk School. Newfield Construction was selected through an RFP process. He noted they have a lot of experience in the City.

Mr. Livingston said Mr. Lo was present to answer questions and wished him a happy birthday.

**** MOTION PASSED WITH ONE (1) ABSTENTION (MS. REVOLUS) AND ONE (1) VOTE IN OPPOSITION (MR. MEEK)**

IX. MOTIONS POSTPONED TO A SPECIFIC DATE

CITY OF NORWALK
COMMON COUNCIL
OCTOBER 11, 2022
COMMON COUNCIL CHAMBERS
AND VIA TELECONFERENCE
PAGE 10

There were none this evening.

X. SUSPENSION OF RULES

There were none this evening.

XI. ADJOURNMENT

Mayor Rilling welcomed Ms. Revolus back.

**** MS. REVOLUS MOVED TO ADJOURN
** MOTION PASSED UNANIMOUSLY**

There was no further business, and the meeting was unanimously adjourned at 8:02 p.m.

ATTEST: _____
Irene Dixon, City Clerk

Melody D'Alessandro

8 Norden Place #117 • Norwalk CT 06855 • melodyd55@gmail.com • 203-505-7266



IV

Education

Mount Sinai School of Medicine

Master of Public Health

New York, New York

September 2018

Boston University

Bachelor of Arts in Psychology

Minors: Public Health, Spanish Literature

Boston, MA

May 2013

Professional Experience

Innovaderm

Senior Clinical Research Associate

Home-Based

March 2021-July 2022

- Conducted site selection, initiation, monitoring, and close-out visits for clinical research sites according to the monitoring plan, Innovaderm and sponsor SOPs, ICH GCP guidelines and applicable regulations
- Built productive relationships with investigators and site staff to achieve study objectives, including patient recruitment targets
- Performed source data and patient records verification, ensured on-site study drug storage, dispensing, and accountability, data collection, and regulatory document collection was adequate
- Performed report reviews and data extracts/analysis for metrics and reporting
- Contributed, as a Subject Matter Expert, to the development of the Clinical Trial Monitoring Curriculum

Covance

Senior Clinical Research Associate

Clinical Research Associate II

Home-Based

Feb. 2021-March 2021

Nov. 2019-Feb. 2021

- Implemented and monitored clinical trials to ensure sponsor and investigator obligations were being met and compliant with applicable local regulatory requirements and ICH/GCP guidelines
- Performed investigative site file reconciliation, requested any new or updated site-related essential and non-essential documents and reviewed them for content, consistency with other documents and compliance with appropriate local regulatory requirements, ICH guidelines, project SOPs and sponsor requirements
- Performed source document verification, retrieved case report forms and performed query resolution in a timely manner and oversaw drug accountability and safety at investigative sites
- Served as a mentor for junior CRAs and led monthly monitoring training sessions

CTI Clinical Trial & Consulting Services

Clinical Research Associate I

Home-Based

June 2018-Nov. 2019

- Implemented and monitored clinical trials to ensure sponsor and investigator obligations were being met and compliant with applicable local regulatory requirements and ICH guidelines
- Performed investigative site file reconciliation, requested any new or updated site-related essential and non-essential documents and reviewed them for content, consistency with other documents and compliance with appropriate local regulatory requirements, ICH guidelines, project SOPs and sponsor requirements
- Performed source document verification, retrieved case report forms and performed query resolution in a timely manner and oversaw drug accountability and safety at investigative sites
- Ensured Serious Adverse Event (SAE) reporting according to project specifications, reviewed SAE information, resolved queries and assisted sites in completion of SAE reports

DaVita Clinical Research

Regional Research Coordinator

Bridgeport, CT

Nov. 2017-May 2018

- Responsible for site management, clinical oversight and quality management for all DaVita clinical studies
- Responsible for collaboration with regional physicians to foster growth of research activities within End-Stage Renal Disease (ESRD) and Chronic Kidney Disease (CKD) populations
- Ensured placement of clinical trials within targeted and appropriate dialysis units or CKD practices

Columbia University Medical Center
Division of Hematology/Oncology
Senior Clinical Research Coordinator

New York, New York
Oct. 2016-Oct. 2017

- Primary contact for 16 phase I and II oncology clinical trials
- Collaborated and trained site staff and investigators to ensure smooth execution of clinical trials
- Ensured all study components and quality checks were met for over 300 patients (i.e., completing data entry, organizing patient's clinic schedules and tests, preparing for inspection reviews, conducting radiology review and collecting outcomes, completing regulatory documents, and submitting documents to the Institutional Review Board)

Mount Sinai School of Medicine
Clinical Research Coordinator

New York, New York
Dec. 2015-Oct. 2016

- Conducted 5 non-therapeutic clinical trials and coordinated complete site operations
- Created and maintained source documents and subject files for over 70 patients in accordance with Good Clinical Practice (GCP)
- Maintained source documents and subject files in accordance with hospital procedures. Ensured accurate and complete compilation of subject data
- Analyzed data gathered on research studies using statistical software (SAS programming)

Volunteer Experience

Norwalk Public Health Department
Emergency Response Team
Member

Norwalk, CT
Sept. 2017-Present

- A community-based Emergency Response Team (ERT) that helps the Norwalk Health Department help town and state residents. ERT volunteers assist with operating local health programs and respond to public health emergencies, including setting up/operating Point-of-Dispensing (PODs) in case these mass dispensing clinics become necessary in the event of a state/nation morbidity/mortality emergency.
- Completed FEMA NIMS (National Incident Management System) training
- COVID-19: Packaged/delivered groceries and pre-made meals for quarantine-bound individuals, translated pandemic-related educative material from English to Spanish.
- COVID-19: Under supervision of Norwalk Public Health Department director, conducted pandemic contact-tracing.

World Health Organization

Fellow for the Department of Maternal, Newborn, Child & Adolescent Health (MNCAH)

Geneva, Switzerland
Jan. 2012-May 2012

- Joined strategic team committed to the WHO's Millennium Development Goal (MDG) #4: reducing child mortality
- Investigated the delivery and efficacy of worldwide health nutrition programs spanning 100 countries, with greater focus on sub-Saharan Africa

D

JOAN MCNIEL DNP, APRN, ACNP-BC, FNP-BC, CCRN
jom9109@gmail.com
203-232-4848

EDUCATION

19 Linden Heights, Norwalk 06851

- Pace University, NY, NY (2018)
Doctor of Nursing Practice
- Pace University, NY, NY (2015)
Certificate of Graduate Studies/Acute Care Nurse Practitioner
- Pace University, Pleasantville, New York, (2012)
Master of Science/Family Nurse Practitioner
- Central Connecticut State University, New Britain, CT, (2006)
Bachelor of Science in Nursing
- Mattatuck Community College, Waterbury, CT, (1991)
Associate of Science in Nursing

LICENSURE/CERTIFICATION

- State of Connecticut-Advanced Practice Registered Nurse (APRN)
- State of Connecticut – Registered Nurse
- New York State-Registered Nurse
- State of New York –Nurse Practitioner / Family Health
- State of New York-Nurse Practitioner/Acute Care
- Board Certified Acute Care Nurse Practitioner-ANCC
- Board Certified Family Nurse Practitioner-ANCC
- Critical Care Registered Nurse- AACN
- ACLS/BCLS (current)

PROFESSIONAL EXPERIENCE

- NYU Langone Medical Center, NY, NY
2016- present: Nurse Practitioner- Inpatient Transplant Surgery/Pain Management
- New York Presbyterian-Weill Cornell, New York, New York
2007-2013: Senior Staff Nurse – Post Anesthesia Care Unit
- Yale New Haven Hospital, New Haven, Connecticut
1991- 2007: Staff Nurse- Surgical Intensive Care Unit/Post Anesthesia Care Unit
2013-2016: Clinical Nurse Practitioner-Department of Surgery/Transplantation
2018-2019: APP Manager Digestive Health
- College of New Rochelle, New Rochelle, NY
2015- 2019: Adjunct Nursing Faculty

NURSE PRACTITIONER/APP MANAGER EXPERIENCE

- Function independently to perform age-appropriate history and physical for complex acute, critical, and chronically ill patients. Patient population include pre and postoperative Kidney, Pancreas, Liver Transplants, GI Surgery and Hepatobiliary including outpatient clinic follow-up.
- Order and interpret diagnostic and therapeutic tests relative to patient's age-specific needs.
- Prescribe appropriate pharmacologic and non-pharmacologic treatment modalities.

- Assists with the provision of care in accordance with facility, state, and federal regulation. Follow acute and chronic inpatient pain cases, perform consults and provide pain education to staff. Assist in setting the standards of care for pain management and provide the best in care and caring for patients.
- Pre and post-operative admissions and discharges including H&P, surgical consents, postoperative checks and discharge summaries.
- Instructs and counsels patients and their families on psychosocial and pathophysiological aspects of their illness, health maintenance and problems, and prescribed therapeutic regimen. Supervises individuals and families in the prevention of disease, promotion of health and rehabilitation of illness.
- Precept and mentor staff nurses, medical students, residents and serve as resource person.
- Collaborate care of patients with other members of the multi-disciplinary team including Pharmacy, Nutrition, Social Work, Chaplaincy, and patient relations.
- Provide administrative oversight to advance practice providers within section of Digestive Health. This includes recruitment, onboarding, overseeing credentialing process, budget management, foster communication and professional development.

PROFESSIONAL ORGANIZATION MEMBERSHIP

- American Association of Nurse Practitioners
- American Nurses Association/CT Nurses Association
- Connecticut League for Nursing
- Sigma Theta Tau International-Iota Upsilon Chapter
- American Association of Critical Care Nurses (AACN)

PUBLICATION and PRESENTATION

- McNiel J, Denis AM, Michel U, Concert CM (2018). The effectiveness of non-pharmacological strategies for managing delirium in hospitalized postoperative adults: An umbrella review protocol. *JB Library of Systematic Reviews & Implementation Reports*. March 2018.
- The effectiveness of non-pharmacological strategies for managing delirium in hospitalized postoperative adults. Eastern Nursing Research Society; Poster Presentation. (April 2018).
- McNiel J, Denis AM, Michel U, Concert CM (2018). A Performance Improvement Initiative on the Effectiveness of Non-Pharmacological Strategies for Managing Delirium in Post-Operative Adult Patients. Nurse Practitioner Association, New York State; Poster Presentation. October 2018.

AWARDS

- New York Presbyterian Hospital/Weill Cornell- Clinical Nurse Excellence Award (May 2011)
- Yale New Haven Hospital- Nurse of the Year (May 2006)

TECHNICAL SKILLS

Microsoft Word, Excel, PowerPoint, ECLIPYS and EPIC

VOLUNTEER ACTIVITIES

- United Methodist Volunteer in Missions –team member (2008-present)

ACAR LEASING LTD	21-MV-300286	\$423.49	PRORATION
	21-MV-300290	\$171.41	PRORATION
ACAR LEASING LTD	20-21-MV-SEE ATTACHED	\$3,487.19	PRORATION
ACAR LEASING LTD	21-MV-SEE ATTACHED	\$6,509.79	PRORATION
ALFARO-RODRIGUEZ LAURA MARCELA	21-MV-301593	\$16.67	PRORATION
ARIAS TATIANA VANESSA	21-MV-303188	\$23.24	PRORATION
AUDETT ALLISON C	21-MV-303547	\$38.79	PRORATION
AUDIOCOM INC	20-MV-303606	\$30.80	PRORATION
BACKIEL JOYCE M	20-MV-303934	\$45.57	PRORATION
BARDELLI SANDRA LEE	20-MV-401061	\$92.10	PRORATION
BALDWIN PARKER DAVID	21-MV-304144	\$79.97	PRORATION
BOCCAROSSA BONNIE L	21-MV-306298	\$72.76	PRORATION
BOCCHETTA DAVID S	21-MV-306306	\$18.16	PRORATION
BOCCHETTA GINA LYNN-KRISTIE	21-MV-306307	\$124.76	PRORATION
BRITO OMAR J	21-MV-307302	\$21.09	PRORATION
BROWN GORDON NEILL	21-MV-307549	\$15.26	PRORATION
	21-MV-307548	\$593.74	PRORATION
CAB EAST LLC	21-MV-308525	\$218.33	PRORATION
	21-MV-308720	\$386.20	PRORATION
CALI J & COMPANY CONTR DIV LLC	21-MV-309207	\$328.22	PRORATION
CALISE CHRISTOPHER	21-MV-309219	\$2,464.65	PRORATION
CAMPBELL GINETTE DENISE	21-MV-309373	\$94.90	PRORATION
CCAP AUTO LEASE LTD	21-MV-311218	\$517.45	PRORATION
CCAP AUTO LEASE LTD	21-MV-311242	\$154.14	PRORATION

AGENDA**OCTOBER 13TH 2022****CLAIMS COMMITTEE MEETING****REFUNDS PROCESSED CLAIMS COMMITTEE****APPROVED BY TAX COLLECTOR**

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>	<u>REASON</u>
CCAP AUTO LEASE LTD	21-MV-311327 \$123.42	PRORATION
CCAP AUTO LEASE LTD	21-MV-311306 \$379.40	PRORATION
CHACON ROSA LIND	21-MV-311772 \$109.32	PRORATION
	21-MV-311773 \$443.47	PRORATION
CLEARLY MICHAEL BRIAN	21-MV-312895 \$197.15	PRORATION
COPELAND TODD WILSON JR	21-MV-313995 \$13.68	PRORATION
CULHANE MICHAEL CARROLL JR	21-MV-315136 \$310.88	PRORATION
DAVIDSON DAVID SAMUEL	21-MV-316131 \$22.61	PRORATION
DENISE LOVELIE	21-MV-317131 \$75.46	PRORATION
DEURA MARYAM A	21-MV-317395 \$516.53	PRORATION
DEURA MOHAMMAD A JR	21-MV-317401 \$868.00	PRORATION
DI COSTANZO RALPHA JOSEPH JR	21-MV-317594 \$11.12	PRORATION
DOMYAN STEPHEN LOUIS JR	21-MV-318389 \$12.19	PRORATION
DOSUS INC	21-MV-318595 \$29.86	PRORATION
DRINX UNLIMITED INC	21-MV-318755 \$16.33	PRORATION
ELY DIANE K	21-MV-320223 \$14.07	PRORATION
FACCENDA LEONARD CHARLES JR	21-MV-321121 \$67.67	PRORATION
FAIR TITLING TRUST	19-MV-SEE ATTACHED \$962.19	PRORATION
FIGUEROADE-RAMIREZ DELA ORALIA	21-MV-322035 \$75.07	PRORATION
FROELICH LAURA CHRISTINE	21-MV-323718 \$10.39	PRORATION
GABRIELLI TRUCK LEASING LLC	21-MV-323467 \$767.10	PRORATION
	21-MV-323468 \$767.10	PRORATION
	21-MV-323469 \$767.10	PRORATION
	21-MV-323470 \$767.10	PRORATION
GAGSTETTER RICHARD J JR	21-MV-324059 \$69.62	PRORATION

AGENDA

OCTOBER 13TH 2022

CLAIMS COMMITTEE MEETING

REFUNDS PROCESSED CLAIMS COMMITTEE

APPROVED BY TAX COLLECTOR

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>	<u>REASON</u>
GIBSON KIM DIANE	21-MV-325672 \$21.54	PRORATION
GONZALEZ-LOYA YVETTE	21-MV-326730 \$59.38	PRORATION
GORDON ROBERT	21-MV-326852 \$118.36	PRORATION
GRAVES EBEN WHITTIER	21-MV-327183 \$89.57	PRORATION
GUEVARA MALDONAD DENIS ANTONIO	21-MV-327829 \$59.38	PRORATION
GURMAN JOANNA H	21-MV-326852 \$100.78	PRORATION
HASS MICHAEL CHRISTOPHER	19-MV-404646 \$212.16	PRORATION
HONDA LEASE TRUST	21-MV-330750 \$450.27	PRORATION
	21-MV-330955 \$630.69	PRORATION
HONDA LEASE TRUST	21-MV-330876 \$459.47	PRORATION
	21-MV-331318 \$184.75	PRORATION
HONDA LEASE TRUST	21-MV-331331 \$269.24	PRORATION
HONDA LEASE TRUST	21-MV-330448 \$215.22	PRORATION
	21-MV-330924 \$371.88	PRORATION
HYUNDAI LEASE TITLING TRUST	21-MV-332275 \$145.81	PRORATION
HYUNDAI LEASE TITLING TRUST	21-MV-332141 \$318.92	PRORATION
HYUNDAI LEASE TITLING TRUST	21-MV-331985 \$868.82	PRORATION
	21-MV-331318 \$333.91	PRORATION
	21-MV-332398 \$573.85	PRORATION
HYUNDAI LEASE TITLING TRUST	21-MV-332421 \$374.74	PRORATION
HYUNDAI LEASE TRUST	21-MV-332328 \$287.37	PRORATION
JACKSON AYALA AMY	21-MV-303815 \$53.87	PRORATION
KADAR LASZLO	21-MV-335413 \$47.02	PRORATION
KANAPARTHY SRI SMITHA	21-MV-334645 \$573.35	PRORATION

AGENDA

OCTOBER 13TH 2022

CLAIMS COMMITTEE MEETING

REFUNDS PROCESSED CLAIMS COMMITTEE

APPROVED BY TAX COLLECTOR

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>		<u>REASON</u>
KORINIOTU PANAGIOTA	21-MV-336887	\$122.08	PRORATION
	21-MV-336886	\$85.74	PRORATION
KUELZOW ROBERT JAMES	21-MV-337261	\$94.29	PRORATION
KWESKIN HELEN TRUSS	21-MV-336521	\$239.93	PRORATION
KYRIAKIDES IOANNIS M	21-MV-337478	\$22.91	PRORATION
	21-MV-337479	\$44.94	PRORATION
LAMETTA MICHAEL	21-MV-337816	\$234.29	PRORATION
LANZA JOHN ANDREW	21-MV-338022	\$37.69	PRORATION
LOPEZ-DEARBieto LINA C	21-MV-339999	\$15.33	PRORATION
LP SERVICE INC	21-MV-339319	\$282.98	PRORATION
MAFFUCCI LIZABETH DIANE	20-MV-339998	\$163.70	PRORATION
MANGOLD DAVIS PHILIP	21-MV-341590	\$127.97	PRORATION
MARIN GLAUDYS	21-MV-341830	\$50.61	PRORATION
MAYOR MICHAEL R	21-MV-342954	\$43.44	PRORATION
MERCURI VINCENZO	21-MV-344408	\$34.46	PRORATION
MOLIN MICHELLE	20-MV-344267	\$148.07	PRORATION
NISSAN INFINITI LT	20-MV-347599	\$139.42	PRORATION
NISSAN INFINITI LT	20-MV-800454	\$112.18	PRORATION
NISSAN INFINITI LT	21-MV-348325	\$272.13	PRORATION
O'BRIEN DAVID S	21-MV-349318	\$20.80	PRORATION
OESTMANN HENRY WILLIAM	21-MV-349525	\$17.03	PRORATION
	21-MV-345416	\$529.46	PRORATION
ORNBERG DIANA CHRISTINE	20-MV-348928	\$38.76	PRORATION
PALADINO VICTOR JOSEPH R	20-MV-349660	\$75.71	PRORATION
	21-MV-350851	\$75.19	PRORATION

AGENDA**OCTOBER 13TH 2022****CLAIMS COMMITTEE MEETING****REFUNDS PROCESSED CLAIMS COMMITTEE****APPROVED BY TAX COLLECTOR**

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>		<u>REASON</u>
PEREIRA MICHELLE H	21-MV-352208	\$241.48	PRORATION
PETRIZZI GERALDINE A	20-MV-352647	\$219.85	PRORATION
PIRO EDWARD D	21-MV-353158	\$17.19	PRORATION
PORTILLO-GOMEZ NELSON ADAN	21-MV-353586	\$115.71	PRORATION
	21-MV-353587	\$67.37	PRORATION
PULCINI RICHARD	18-MV-354565	\$330.32	PRORATION
	19-MV-355008	\$284.99	PRORATION
	20-MV-352807	\$330.32	PRORATION
REAGAN CORDELIA CAROLYN	21-MV-355117	\$51.61	PRORATION
ROGERS BERNHARD ANDREW	21-MV-356989	\$169.64	PRORATION
ROJAS-VANEGAS MARLON A	21-MV-357107	\$18.52	PRORATION
ROLDAN EDISON	19-MV-358131	\$72.14	PRORATION
	20-MV-355794	\$68.66	PRORATION
	20-MV-413549	\$11.97	PRORATION
RUGANI BEVERLY A	21-MV-356540	\$10.60	PRORATION
SANDOVAL-TUCCINA JOSEPH A	18-MV-359490	\$107.45	PRORATION
	19-MV-360069	\$99.96	PRORATION
	20-MV-357669	\$97.04	PRORATION
SANTIAGO VICTOR	21-MV-359243	\$100.69	PRORATION
SANTOS-BAQUEDANO MARVIN ALEXIS	21-MV-359348	\$130.15	PRORATION
SCARPATI CHRISTOPHER VINCENT	21-MV-359645	\$471.54	PRORATION
SCHACHT CINDY JOY	20-MV-358240	\$139.09	PRORATION
SCHMITZ CYNTHIA A	21-MV-359805	\$21.64	PRORATION
SOCCHI SANDRA M	21-MV-362058	\$248.98	PRORATION
STEPHENS DENNIS DARRYL	21-MV-362942	\$12.83	PRORATION

AGENDA

OCTOBER 13TH 2022

CLAIMS COMMITTEE MEETING

REFUNDS PROCESSED CLAIMS COMMITTEE

APPROVED BY TAX COLLECTOR

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>	<u>REASON</u>
STRAND STACEY JOELLEN	21-MV-362357 \$16.91	PRORATION
TAMAYO ISABEL	21-MV-364016 \$288.16	PRORATION
TORELLI PAULA MARIE	20-MV-415415 \$133.72	PRORATION
TOYOTA LEASE TRUST	21-MV-SEE ATTACHED \$2,868.89	PRORATION
TOYOTA LEASE TRUST	20-MV-354583 \$735.26	PRORATION
TOYOTA LEASE TRUST	20-MV-365000 \$281.15	PRORATION
	21-MV-366547 \$359.91	PRORATION
	21-MV-366161 \$576.10	PRORATION
USB LEASING LT	21-MV-367919 \$799.88	PRORATION
USB LEASING LT	21-MV-367901 \$699.52	PRORATION
VANARASE PARAG ARVIND	21-MV-366805 \$50.39	PRORATION
VAULT TRUST	21-MV-369033 \$494.26	PRORATION
VCFS AUTO LEASING CO	21-MV-369281 \$426.44	PRORATION
VW CREDIT LEASING LTD	21-MV-370764 \$41.96	PRORATION
VW CREDIT LEASING LTD	21-MV-370747 \$89.21	PRORATION
WILKINS JON DOUGLAS	21-MV-370155 \$83.16	PRORATION
WILSON WILLIAM JEREMY ROLLS	21-MV-372286 \$88.11	PRORATION
WINDELS CECILE P	21-MV-372313 \$41.36	PRORATION
ZAMBO CLAY RICHARD	21-MV-373126 \$29.47	PRORATION

REAL ESTATE

ALCRAFT INC

6 RYAN AVE

5-83-33-0	21-RE-118643 \$126.30	PAID IN ERROR
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AGENDA

OCTOBER 13TH 2022

CLAIMS COMMITTEE MEETING

REFUNDS PROCESSED CLAIMS COMMITTEE

APPROVED BY TAX COLLECTOR

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>	<u>REASON</u>
ALJ ASSOCIATES LLC		
253 WESTPORT AVE	19-RE-101103 \$1,883.00	
5-10-215-0	20-RE-101110 \$1,675.00	ADJ DPW
FRATINO ANTOINETTE		
2 COLUMBINE LN		
5-31-15-0	21-RE-109810 \$4546.46	PAID IN ERROR
69 FORT POINT ST		
3-8-30-0	21-RE-109809 \$3459.88	PAID IN ERROR
JOSHI PRAHLAD & KIRTI		
170 FLAX HILL RD A/1		
2-48-39-A/1	21-RE-113578 \$539.55	PAID IN ERROR
PARRENT JOSEPHINE		
130 MAIN ST UNIT B2		
1-77-1-B2	21-RE-120712 \$581.21	PAID IN ERROR
PICCARO CHRISTOPHER C JR		
WEISS LAUREN M		
9 RANGE RD		
6-32B-22-0	20-RE-125992 \$367.00	SEW CODE CHG

AGENDA

OCTOBER 13TH 2022

CLAIMS COMMITTEE MEETING

REFUNDS PROCESSED CLAIMS COMMITTEE

APPROVED BY TAX COLLECTOR

<u>PAY TO:</u>	<u>BILL No & AMOUNT REFUNDED</u>	<u>REASON</u>
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PILKINGTON BRYAN &

SEWELL JENNIFER

63 MELBOURNE RD EXT

5-5-129-0	21-RE-101492 \$9,562.14	PAID IN ERROR
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WILKINS JON DOUGLAS

8 ISLAND DRIVE

3-75-14-0	21-RE-128805 \$3,131.76	PAID IN ERROR
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ACAR LEASING LTD

BILL #	PLATE #	VIN#	AMOUNT
20-300482	AL17195	3GKALTEX2JL180903	\$ 38.42
21-300343	AL17195	3GKALTEX2JL180903	\$ 585.97
21-300316	AW82830	1GCRYAEF5LZ183205	\$ 267.23
21-300361	AC65924	1GKKNVLS0KZ193869	\$ 761.24
21-300530	AP36547	3GNAXTEXXJL320557	\$ 323.29
21-300679	BA43437	1GYKPDRS4LZ237214	\$ 701.86
21-300734	AU23827	1GNEVHKWXXKJ229927	\$ 809.18
TOTAL			\$ 3,487.19

ACAR LEASING LTD

BILL #	PLATE #	VIN#	AMOUNT
21-300311	AB51295	1G6KM5RS9JU155285	\$ 1,071.71
21-300322	AS65224	1GNEVGKW3KJ207746	\$ 391.89
21-300348	AV66869	1GKS2HKJ0KR384095	\$ 1,204.06
21-300350	AW78021	KL4CJGSM6KB731830	\$ 243.46
21-300413	AA78284	1GTU9FEL0KZ282183	\$ 1,206.65
21-300626	AA78288	3GKALTEV6KL228550	\$ 511.63
21-300666	AW53203	2GNAXUEV7L6143011	\$ 461.08
21-300705	AT26657	1GYS4BKJ2KR305653	\$ 1,419.31
TOTAL			\$ 6,509.79

FAIR TITLING TRUST

BILL No	VEHICLE	VIN #	PLATE #	AMOUNT
19-321590	2018/NISSAN	3N1CN7AP4JL800486	AT80661	\$40.59
19-321593	2016/TOYOTA	4T1BF1FK5GU546183	AT21640	\$209.61
19-321595	2014/SUBARU	JF2GPBCC0EH331120	AU30552	\$68.45
19-321599	2015/TOYOTA	4T1BF1FK5FU084464	AT15291	\$250.60
19-321600	2015/NISSAN	1N4AL3AP2FC484663	AT22578	\$113.54
19-321601	2017/NISSAN	1N4AL3AP4HN355248	AU61497	\$279.40
			TOTAL:	\$962.19

TOYOTA LEASE TRUST

BILL #	PLATE #	VIN#	AMOUNT
21-365863	BA36075	58AE21B16LU008035	\$ 500.67
21-366001	AV65878	2T2BZMCA3KC202037	\$ 566.35
21-366037	AN74384	2T3RFREV8JW746952	\$ 537.34
21-366058	AF11805	5TDBZRFH4KS958929	\$ 420.57
21-366349	AS42021	JTMRJREV2JD243770	\$ 196.02
21-366674	AW02474	JTJBZMCA1K2040649	\$ 647.94
TOTAL			\$ 2,868.89



CITY OF NORWALK, DEPARTMENT OF FINANCE
Tax Collector's Office

P: 203-854-7731 / F: 203-854-7770

125 East Avenue Room 105
Norwalk, Connecticut 06851
www.norwalkct.org

To: Mayor Harry Rilling; Board of Estimate and Taxation; Finance & Claims Committee
From: Lisa Biagiarelli, Tax Collector
Date: October 11, 2022
Re: **Narrative for September 2022 Tax Collector's Report**

As of the end of September, 2022, having concluded the first three months of the fiscal year, we collected in excess of \$194 million against our \$362.6 million adjusted levy, or **53.58%**. We also collected **50.64%** of our sewer use levy, more than \$8.9 million, and **74.23%** of the Industrial Pretreatment Program (IPP) fee billing on behalf of the WPCA. Compared with the prior fiscal year (September, 2021) we are very slightly behind relative to taxes (-.04%). We are slightly ahead with sewer use (+.17%); and behind with the IPP fee (-5.29%).

With regard to prior years' collections, through the end of September 2022, we show a net collection more than \$1.4 million since July 1, 2022. This amount is more than \$1 million less than what we collected during the first quarter of the prior fiscal year. This variance is expected, since we held a tax sale in October 2021, and the disparity is directly attributable to the robust payment activity involved with the tax sale.

Delinquent notices, called "demand for payment" notices, were sent to Norwalk taxpayers in September. The term, "demand" is a statutory term, and is not meant to imply rudeness to the taxpayer. The tax collector is required to "make demand" for payment prior to initiating collection enforcement measures. We are continuing to issue alias tax warrants for selected accounts owing past due business personal property taxes. These are served by a state marshal. We issue approximately 25 warrants per month during non-collection months. In conjunction with this, last month we published a tax collector's notice of levy in the local newspaper, listing those business personal property accounts that have been turned over to the state marshals for collection. All of the accounts listed owed either in excess of \$1,000; or were past due two or more years. This was done to notify not only the taxpayers, but also other creditors that the property is subject to levy and seizure for back taxes.

We also continue to pursue our health permit initiative for business establishments owing back taxes that have been delinquent for at least one year. We also expect to begin working with the collection agency approved by the Common Council earlier this year; that endeavor will likely take place within the next four to six weeks.

The tax sale site at [City of Norwalk Tax Sale 2021 \(arcgis.com\)](http://City of Norwalk Tax Sale 2021 (arcgis.com)) remains active online. Our next tax sale is scheduled to be held on July 17, 2023. We will begin work on that sale next month. Maintaining high current and back tax collection rates promotes budgetary stability, and allows the Board of Estimate and Taxation to set lower mill rates for all taxpayers. A higher current collection rate enables less of an allowance for "uncollectible" taxes, and correspondingly lower mill rates.

With the assistance of the IT Division, we implemented an upgrade to the Munis property tax software system over the Columbus Day weekend. This was necessary, as the prior version of the software will no longer be supported by the vendor. This upgrade should be distinguished from a separate endeavor, namely our conversion to a new software system that is scheduled to occur in March and April 2023. That conversion involves only the assessment and collection divisions, and does not affect other city departments that will continue to use the

Munis financial and other systems. We have scheduled the upgrade and the conversion for times that will cause the least amount of disruption for the public, and the least amount of duplicate effort in our divisions. We will continue to work closely with the other divisions involved, as this is a group effort.

We are also looking ahead to the month of November, a short month with three holidays, and the time when we usually run the files for the second installment billing. Ideally, we like to have bills in the mail by December 10 . However, this will depend on the work schedules and progress in the assessor's division, as we need to coordinate with them. Their division relies on receiving data from the Connecticut Department of Motor Vehicles for newly registered vehicles that are added to the tax rolls subsequent to the "grand list" date of October 1, 2021 (first time registration, not registration renewed). Those vehicles need to be priced, in some cases, and there is other work involved to prevent duplicate billings. Having our bills out at the regular time will help streamline and even expedite the collection cycle, with an eye toward the software conversion in March 2023. Looking ahead to that time, we hope to get delinquent notices in the mail in early to mid-February 2023, and file our lien continuing certificates by the first week of March 2023, in advance of the software conversion later that month.

We are still short staffed and have two vacancies out of our eight person staff. We expect to fill those vacancies within the next few months, prior to the second installment collection cycle.

I am prepared to respond to any questions, and will continue to keep all stakeholders informed of our progress.

**TAX COLLECTOR'S REPORT
SEPTEMBER 2022**

FISCAL YEAR 2022-2023 (2021 GRAND LIST)		ADJ. TAX COLLECTIONS JUN 22 - SEP 22		COLLECTION %	CORRECTED LEVY*	CHANGE IN LEVY	COLLECTION %
AUTOMOBILE-REGULAR	\$27,605,498.25	\$22,681,498.77		82.16%	\$27,337,853.56	(\$267,644.69)	82.97%
PERSONAL PROPERTY	\$26,217,238.98	\$11,861,920.44		45.24%	\$21,932,782.10	(\$4,284,456.88)	54.08%
REAL ESTATE	\$315,360,461.09	\$159,761,551.52		50.66%	\$313,341,321.00	(\$2,019,140.09)	50.99%
TOTAL TAX	\$369,183,198.32	\$194,304,970.73		52.63%	\$362,611,956.66	(\$6,571,241.66)	53.58%
SEWER USE	\$17,981,973.00	\$8,916,379.07		49.59%	\$17,608,217.56	(\$373,755.44)	50.64%
IPP FEE	\$190,750.00	\$143,626.43		75.30%	\$193,500.00	\$2,750.00	74.23%
FISCAL YEAR 2021-2022 (2020 GRAND LIST)		JUN 21 - SEP 21					
AUTOMOBILE-REGULAR	\$21,672,160.18	\$18,551,598.46		85.60%	\$21,459,640.34	(\$212,519.84)	86.45%
PERSONAL PROPERTY	\$22,966,731.64	\$12,110,457.93		52.73%	\$23,004,792.96	\$38,061.32	52.64%
REAL ESTATE	\$308,716,745.40	\$157,161,812.59		50.91%	\$305,776,474.44	(\$2,940,270.96)	51.40%
TOTAL TAX	\$353,355,637.22	\$187,823,868.98		53.15%	\$350,240,907.74	(\$3,114,729.48)	53.63%
SEWER USE	\$16,488,685.00	\$8,257,816.57		50.08%	\$16,362,837.00	(\$125,848.00)	50.47%
IPP FEE	\$187,000.00	\$151,070.51		80.79%	\$190,000.00	\$3,000.00	79.51%
TAX DIFFERENCE 2021 G.L. vs. 2020 G.L. INCREASE/(DECREASE)							
	\$15,827,561.10	\$6,481,101.75		-0.52%	\$12,371,048.92	(\$3,456,512.18)	-0.04%
SEWER DIFFERENCE 2021 G.L. vs. 2020 G.L. INCREASE/(DECREASE)							
	\$1,493,288.00	\$658,562.50		-0.50%	\$1,245,380.56	(\$247,907.44)	0.17%
IPP DIFFERENCE 2021 G.L. vs. 2020 G.L. INCREASE/(DECREASE)							
	\$3,750.00	(\$7,444.08)		-5.49%	\$3,500.00	(\$250.00)	-5.29%
BACK TAXES COLLECTED	FISCAL YR 2022-2023 (JUL 22 - SEP 22)	FISCAL YR 2021-2022 (JUL 21 - SEP 21)	CUR YR vs. PRIOR YR INC/(DEC)				
PRIOR TAXES	\$821,241.39	\$1,436,802.50	(\$615,561.11)				
PRIOR SEWER USE FEE	\$78,920.09	\$115,241.62	(\$36,321.53)				
PRIOR IPP FEE	\$1,895.34	\$6,791.12	(\$4,895.78)				
TOTAL PRIOR TAX, SEWER & IPP	\$902,056.82	\$1,558,835.24	(\$656,778.42)				
CURRENT INTEREST	\$206,042.88	\$249,916.17	(\$43,873.29)				
PRIOR INTEREST	\$237,400.83	\$570,173.02	(\$332,772.19)				
SEWER USE FEE INTEREST	\$19,434.03	\$37,646.25	(\$18,212.22)				
IPP FEE INTEREST	\$1,089.91	\$2,911.73	(\$1,821.82)				
TOTAL INTEREST COLLECTED	\$463,967.65	\$860,647.17	(\$396,679.52)				
PRIOR LIEN FEE	\$4,495.51	\$7,251.54	(\$2,756.03)				
CURRENT LIEN FEE	\$0.00	\$0.00	\$0.00				
TOTAL LIEN FEE COLLECTED	\$4,495.51	\$7,251.54	(\$2,756.03)				
MISC FEES COLLECTED	\$41,316.36	\$80,887.39	(\$39,571.03)				
TOTAL PRIOR TAX, ALL INTEREST & ALL FEES	\$1,411,836.34	\$2,507,621.34	(\$1,095,785.00)				

* CORRECTED LEVY INCLUDING CERTIFICATES OF CORRECTION



NORWALK PLANNING & ZONING COMMISSION

125 East Avenue
Norwalk, Connecticut

MEMORANDUM

September 26, 2022

TO: Common Council

FROM: Bryan Baker, Principal Planner

SUBJECT: #2022-44 Special Appropriation – Norwalk Fire Department – Special appropriation request for roof replacement and purchase of new vehicles

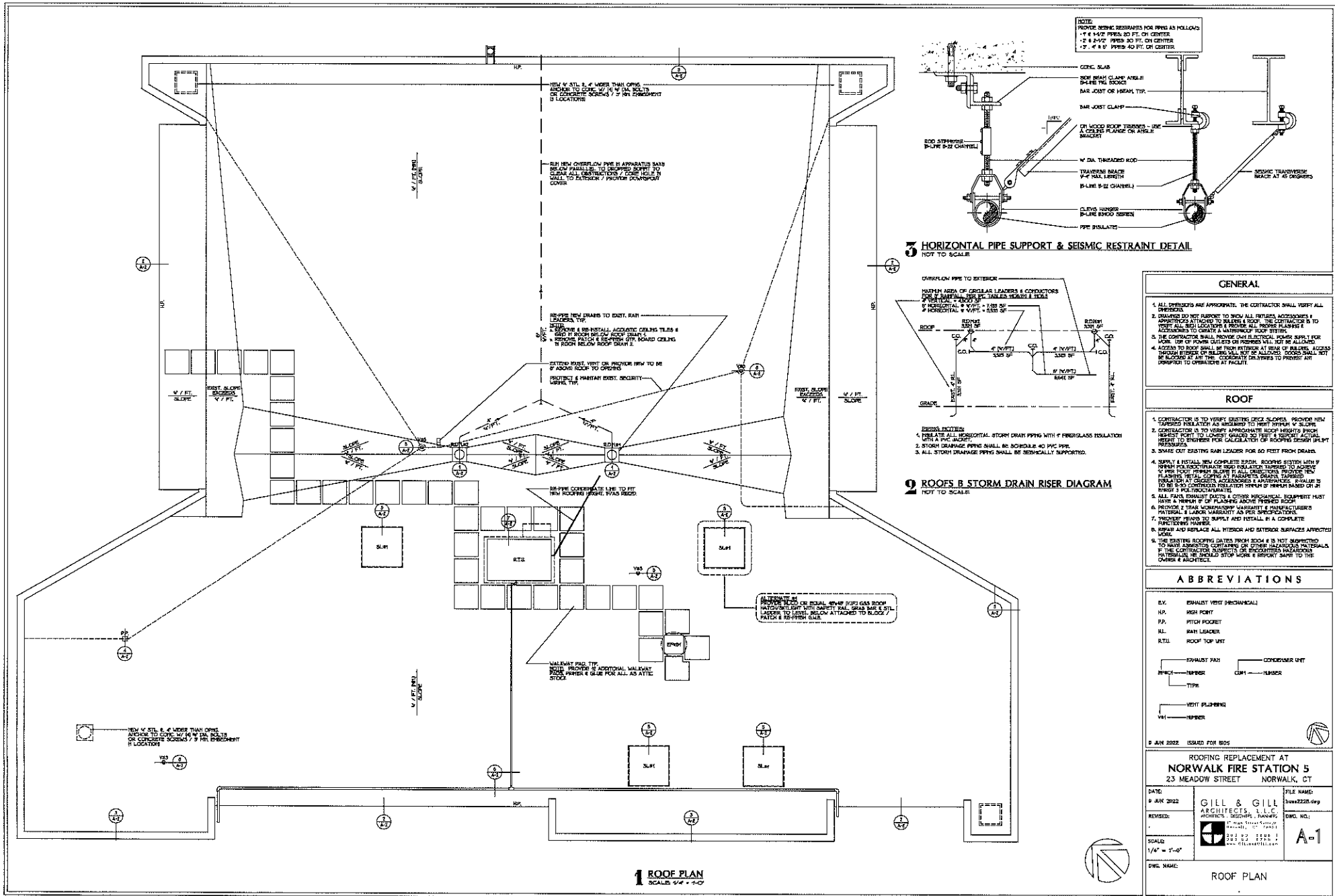
At their September 21, 2022, meeting, the Planning & Zoning Commission made the following recommendation:

BE IT RESOLVED by the Norwalk Planning & Zoning Commission that application #2022-44 Special Appropriation – Norwalk Fire Department – Special appropriation request for roof replacement and purchase of new vehicles be **APPROVED**.

BE IT FURTHER RESOLVED that the reasons for this action are to implement the following Plan of Conservation and Development goals, policies and actions:

1. To achieve Plan of Conservation and Development Goal #1 listed in Chapter 11: Public Facilities, Infrastructure & Services: *“Norwalk’s infrastructure and public facilities are resource-efficient, well-maintained, cost-effective, sustainable and resilient”* through Strategy B. *“Continue to update, modernize and maintain Norwalk’s infrastructure and city facilities”* by implementing action vi. *“Ensure Norwalk’s emergency services departments are provided with appropriate funding for equipment and facilities to provide superior service and maintain a high level of public safety;”* and

BE IT FURTHER RESOLVED that notice of this action be forwarded to the Common Council.



PROJECT MANUAL



Roofing Replacement at **NORWALK FIRE STATION 5**

23 Meadow Street
Norwalk, Connecticut 06854

June 9, 2022

GILL & GILL Architects, LLC
17 High Street, Suite 301, Norwalk, Connecticut 06851

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Division 6	<u>Wood and Plastics</u> 06110 Rough Carpentry
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Division 15	<u>Mechanical</u> 15000 General Mechanical Provisions 15140 Hangers & Supports 15250 Pipe & Duct Insulation 15400 Roof Drains 15410 Plumbing Piping
Division 16	<u>Electrical</u> 16000 Basic Electrical Requirements

END OF DOCUMENT

PROJECT NARRATIVE

The project consists of roofing replacement at Norwalk Fire Station 5. The area is approximately 6,650 square feet of gravel ballasted built-up insulated roofing to be replaced with new fully adhered 60 mil EPDM insulated roofing system with 20 years 110 mph No Dollar Limit warranty. Three exhaust fans and 1 flue are to be removed; the ductwork and flue capped below the deck. Two drains, 4 plumbing vents, 1 pitch pocket and 4 skylights are to be removed and replaced. One roof top unit and exhaust fan are to remain; possibly raised with ductwork extended. Security wiring and gas lines are to remain; the gas line is to be supported on new rollers.



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10

END OF DOCUMENT

LIST OF DRAWINGS

Cover	Codes, Notes, Legends, Abbreviations & Location Map
D-1	Roof Demolition Plan
A-1	Roof Plan
A-2	Details

END OF DOCUMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Documents affecting work of this Section include, but are not necessarily limited to, General Requirements, bidding documents and drawings.

1.2 SUMMARY

- A. The City of Norwalk owns, funds and manages the project.
- B. Furnish and install roof materials, insulation, flashings, and miscellaneous materials on the roof areas designated by the drawings.
1. Installation of Ethylene propylene diene monomer (EPDM) membrane roofing system on concrete deck, including but not limited to:
- Removal and legal disposal of existing Built-up roofing system, accessories and flashings down to deck. Removal of exhaust fans, flue and equipment to be replaced. Capping of ductwork and flue below deck.
 - Substrate board, vapor barrier, polyisocyanurate insulation, continuous R Value of 30, mechanically fastened to decking.
 - ¼" per foot slope minimum tapered polyisocyanurate insulation, mechanically fastened to decking.
 - 5/8" cover board.
 - EPDM membrane fully adhered to cover board with associated flashing and metal edging.
 - New drains, plumbing vents, pitch pocket, skylights with fall protection, gas pipe support rollers, and miscellaneous associated appurtenances.
 - Removal and re-installation of roof top unit & exhaust fan, if necessary, to raise them to 8 inch height above roof. Construction of new framed wall for new vertical flashing and re-installation of one guardrail.
 - Protection and re-installation of security wiring.

1.3 INTENT OF THE SPECIFICATIONS

- A. The intent of these specifications is to describe the materials and methods of construction required for the performance of the work. In general, it is intended that the drawings shall delineate the detailed extent of the work. In the event of a discrepancy between drawings, specifications or industry standards, the most expensive method shall govern unless otherwise directed by the City or Architect.

1.4 PROTECTION

- A. The Contractor shall use every available precaution to provide for the safety of property, occupants, visitors to the site, and all connected with the work.

- B. All existing facilities shall be protected and maintained free of damage. Existing facilities shall remain operating during the period of construction unless otherwise permitted. All access driveway, apron, parking and roadways must remain operational.
- C. Barricades shall be erected to fence off all staging and construction areas from operations personnel.
- D. Safety Requirements
 - 1. All application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements.
 - 2. Comply with federal, state, local and owner fire and safety requirements.
 - 3. Advise owner whenever work is expected to be hazardous to owner, staff and/or occupants.
 - 4. Maintain proper fire extinguisher within easy access whenever power tools are being used.
 - 5. All safety requirements of the building owner must be followed. No exceptions will be permitted. Safety orientation meeting required prior to performing any work.
- E. The Contractor shall provide safe access for the City and Architect to examine and inspect the work during the entire duration of the project.

1.4 HOUSEKEEPING

- A. Keep materials neat and orderly.
- B. All materials stored on the roof shall be tied down or otherwise secured to prevent wind from blowing loose materials off the roof.
- C. Remove scrap, waste and debris from project area at the end of each day to prevent loose materials from being blown off the roof.
- D. Maintenance of clean conditions on both the interior and exterior of the building while work is in progress and cleanup when work is completed shall be in strict accordance with the contract. The Contractor shall be responsible for cleaning dust and debris on a daily basis. Vacuum, dust, sweep and clean interiors that are affected by vibrations of demolition and new work; including plaster repair and cleaning above ceiling tiles.
- E. Provide and maintain dumpster.

PART 2 - PRODUCTS (Not Used)PART 3 - EXECUTION

- 1.5 Contractor to notify City prior to commencing work.

END OF SECTION

PART 1 - GENERAL

1.01 SUMMARY

- A. Provide cutting and patching work to properly complete the requirements of the project for:
 - 1. Structural work
 - 2. Mechanical, electrical and plumbing systems.
 - 3. Visual requirements, including detailing and tolerances.
 - 4. Operational and safety limitations.
 - 5. Fire resistance ratings.
 - 6. Inspection, preparation, and performance.
 - 7. Cleaning
- B. Do not cut and patch in a manner that would result in a failure of the work to perform as intended, decrease energy performance, increase maintenance, decrease operational, or decrease safety.
- C. All cutting and patching operations shall be conducted under the direct supervision of the foreman.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Match existing materials for cutting and patching work with new materials conforming to project requirements.

PART 3 - EXECUTION

3.01 MATERIALS

- A. Inspect conditions prior to work to identify scope and type of work required. Protect adjacent work. Notify Owner and City in writing 48 hours in advance of work requiring interruption to building services or operations.
- B. Perform work with workmen skilled in the trades involved.
- C. Cutting: Use cutting tools, not chopping tools. Make neat holes. Minimize damage to adjacent work. Check for concealed utilities and structure before cutting.
- D. Patching: Make patches, seams, and joints durable and inconspicuous. Comply with tolerances for new work.
- E. Clean work area and areas affected by cutting and patching operations daily during the work week, or as directed by the Architect or City.

END OF SECTION

PART 1 - GENERAL

- A. Provide coordination of work including but not limited to:
 - 1. Supervisory personnel.
 - 2. Pre-Construction Conference.
 - 3. Meetings as required by project conditions and progress.
- B. Submit Project Schedule in bar chart form within 7 days of Notice to Proceed from the City.
- C. Submit Shop Drawing Submittal Schedule coordinated with project schedule prior to commencement of work.
- D. Submit Shop Drawings with all information necessary for evaluation by architect in a legible fashion and in accordance with Shop Drawing submittal Schedule.
- E. Submit Schedule of Values on AIA Document G703.
- F. Submit list of subcontractors.
- G. Apply for Building Permit through City's online permit software. Provide all required documents and pay related fees. Schedule necessary inspections through Building Department.
- H. Retain on site one set of progress documents as record drawings and specifications to be maintained and annotated by the Contractor on a regular basis as work progresses. These As-Built record documents are to be uploaded to the Building Department Permit in PDF-A format at the completion of the project. Submission of a complete set of record documents is required to close out the project and to receive final payment.
- I. Post a list of emergency telephone numbers and addresses for individuals to be contacted in case of emergency.

PART 2 - PRODUCTS – Not Applicable To This Section

PART 3 - EXECUTION

3.01 PAYMENT PROCEDURES

- A. Submit pencil copies of monthly requisitions for review by the City and Architect. Submit one (1) original notarized copy of payment requests on AIA Document G702.
- B. Submit certified payroll documentation prior to the next application for payment.

3.02 PRECONSTRUCTION CONFERENCE

- A. Contractor shall schedule a Pre-Construction Conference and organizational meeting on the same day as purchase order and prior to commencement of any construction activities. Contractor is required to review project schedule and State and Federal regulations.
- B. Attendees: The City, Fire Chief, Architect, Contractor, and his superintendent and other concerned parties shall each be represented at the conference by persons familiar with and authorized to conclude matters pertaining to the work.
- C. Agenda: Discuss items of significance to the project including:
 - 1. Construction schedule and site logistics.
- D. Contractor to notify the City prior to commencing work.

3.03 CONTRACTOR INITIATED REQUEST FOR CLARIFICATION OR CHANGES

- A. When latent or unforeseen conditions require modification to the Contract, with or without adjustment to the contract sum or time frame, the Contractor shall submit such proposed change request or request for project clarification to the Architect in the form of a Request for Information (RFI).
- B. All RFI's shall be sequentially numbered.
 - 1. RFI's dealing with a proposed change shall include a statement outlining the reasons for the change and the effect of the change on the work.
 - 2. RFI's dealing with project clarification shall state the clarification required (drawings, specification, design intent, etc.) and shall allow the Architect sufficient time to review the applicable data or field condition.

3.04 MINOR CHANGES IN THE WORK

- A. Supplemental instructions authorizing minor changes in or clarifications of the work which do not involve an adjustment to the contract sum or the contract time, will be issued by the Architect in the form of a Clarification.

3.05 CHANGE ORDER PROPOSAL REQUESTS

- A. Owner Initiated Proposal Requests: Proposed changes in the scope of work that will require adjustment to the contract sum or time frame will be issued by the Architect in the form of a Bulletin with a detailed description of the proposed change and supplemental or revised drawings or specifications if required.
 - 1. Bulletins issued by the Architect are for pricing of the proposed change only and are not to be considered direction to stop work in progress or to execute the proposed change.
- B. Upon receipt of the Architect's bulletin, the Contractor shall prepare an itemized estimate of costs necessary to execute the proposed change including the following information:
 - 1. Breakdown of all labor costs.
 - 2. Breakdown of all material costs.
 - 3. Markup percentage of 10% for work done with his forces.
 - 4. Subcontractor markup of 10%.
 - 5. Statement indicating the effect of the proposed changes on the contract time.

3.06 CHANGE ORDER PROCEDURE

- A. Upon the City's approval of a Change Order Proposal Request, the City shall prepare a formal change order for signatures.
- B. All Change Orders must be reviewed and approved by the City before the Contractor may proceed with changes in the work, unless prior specific direction to proceed has been given by the City in the interest of timely project completion.

END OF SECTION

1.1 GENERAL

- A. Use of Premises: Do not disturb neighboring sites, or portions of site beyond areas in which the Work is indicated.
- B. Use of Existing Building: Maintain existing building in a weathertight condition throughout construction period. Repair damage caused by construction operations. Protect building and its contents during construction period.
- C. Driveway and Entrances: Contractor may use driveway during the construction period. Keep building entrances serving premises clear at all times.
 - 1. Schedule deliveries to minimize disruption of street and building entrance.
 - 2. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.

1.2 GENERAL INSTALLATION REQUIREMENTS

- A. Inspect substrates and report unsatisfactory conditions in writing.
- B. Do not proceed until unsatisfactory conditions have been corrected.
- C. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines and angles. Provide inserts and templates as needed for work of other trades.
- D. Install materials in exact accordance with manufacturer's instructions and approved submittals.
- E. Install materials in proper relation with adjacent construction and with proper appearance.
- F. Restore units damaged during installation. Replace units which cannot be restored, at no additional expense to the Owner.
- H. Refer to additional installation requirements and tolerances specified under individual specification sections.

1.3 WORK SEQUENCE & COORDINATION

- A. Work shall be completed in an orderly and sequenced manner. No work shall commence until the Contractor has on site, all required materials and building components to ensure that once work begins it shall be completed without delay.
- B. Coordinate work with all other trades.
- C. Coordinate work to assure efficient and orderly sequence of installation of construction elements, with provisions for accommodating all items to be installed.

1.4 CONTRACTOR'S USE OF PREMISES

- A. Contractor shall have use and access to the building affected by work. The Contractor shall protect and keep exits clear at all times.
- B. Coordinate all work and scheduling with the Owner.
- C. The Contractor shall confine his apparatus, storage of materials, supplies, equipment and operations as directed by Owner's Representative.
- D. Do not load structure with weight that will endanger structure.
- E. Assume full responsibility for protection and safekeeping of products stored on premises.
- F. Move any stored products which interfere with operations of Owner(s) or other Contractors.

- G. Obtain and pay for use of additional storage or work areas needed for operations.
- H. Prior to occupancy and at the end of each work day, all areas, building components, etc. shall be cleaned and ready for public use.
- I. The contractor shall be responsible for keeping the premises clean and shall pick up rubbish and debris daily.
- J. All means of egress shall be maintained free and clear at all times.
- K. Contractor shall provide and maintain a portable toilet. Access through interior of building is not allowed.
- L. The Contractor is responsible for his own electrical power generation supply.
- M. Use of building water is allowed, but shall not be wasted or abused.

1.5 EXISTING SYSTEMS

- A. Prior to bid, the contractor shall make a detailed examination of the existing building, including all services and systems, to thoroughly become familiar with the scope of the work and working conditions involved.
- B. The contractor shall include, in his bids, for all necessary relocation or revamping of existing services and systems, where necessitated by the renovation work, to provide a finished final project. All relocation or revamping shall be provided by the contractor without additional cost to the Owner.
- C. Any equipment or material to remain or be reused that may be damaged during construction shall be replaced by the contractor at no additional cost to the Owner.
- D. Any existing equipment or material to be removed shall be disposed by the Contractor or stored by the Contractor, where directed by the Owner.

1.6 FIRE PROTECTION

- A. The Contractor shall, during the progress of construction, assume all responsibilities for loss or damage by fire to the work included in his Contract until completion of the Contract. All fire used within the structure for working purposes shall be extinguished when not in use. No flammable material shall be stored in the structure. No gasoline shall be stored in or close to the building.

1.8 CONSTRUCTION EQUIPMENT

- A. The Contractor shall furnish and maintain, at his own cost and risk, all tools, apparatus and appliances, hoists and/or cranes and power for same, scaffolding, runways, ladders, temporary supports and bracing, and all other similar work or material necessary to insure speed, convenience and safety in the execution of his Contract. All such items shall comply with OSHA regulations and all other applicable codes, statutes, rules and regulations.

1.9 BARRIERS AND ENCLOSURES

- A. Barriers
 - 1. Provide barriers as required to prevent public entry to construction areas and to protect existing facilities and adjacent properties from damage from construction operations.

2. Provide barricades and covered walkways as required by governing authorities for public rights-of-way and for access to neighboring buildings.
 3. Protect against vehicular traffic, stored materials, dumping, chemically injurious materials, and puddling or continuous running water.
- B. Provide temporary insulated weather-tight closures of openings in exterior surfaces to provide acceptable working conditions and protection for materials, to allow for temporary heating, and to prevent entry of unauthorized persons.
- C. All barriers and enclosures shall be in conformance with code requirements.

1.10 PROTECTION

- A. All Buildings, equipment, furnishings, grounds, plantings shall be protected from damage of every description, and any such damage thereto shall be repaired or otherwise made good at no expense to the Owner.
- B. Supply and install protective coverings and barricades necessary to prevent damage or personal injury. The Contractor shall be held responsible for, and must make good at his own expense, any water damage or any other type of damage due to improper protective coverings. Protect at all times the public and building personnel from injury.
- C. Provide temporary protection for installed products. Control traffic in immediate area to minimize damage.
- D. Protect existing lower roofs. Do not damage roofs or ladders.

1.11 SECURITY

- A. Provide security program and facilities to protect work, existing facilities, and Owner's operations from unauthorized entry, vandalism and theft. Coordinate with Owner's security program.
- B. The Contractor shall be solely responsible for damage, loss or liability due to theft or vandalism.

1.12 EXECUTION AND SPECIFIC REQUIREMENTS

- A. Time for construction:
Monday to Friday - 8:00 a.m. to 5:00 p.m.; Weekends – as approved by Owner and allowed by Town ordinances. Minimize the use of noisy equipment through the work period, especially before 9:00 a.m. Any variance from these designated times shall require Owner approval.
- B. Notification & Documentation:
1. Notify Owner 2 weeks prior to commencing work to remove all personal items.
2. Photograph existing conditions before commencing demolition as specified elsewhere.
- C. Landscaping and Planting: Protect all existing landscaping.

- D. No construction materials are to be left unsecured overnight or over weekends, either on the roof or on ground.
- E. Construction and demolition activities shall not block any doorways, aprons, driveways or parking spaces, without the knowledge and approval of Glenbrook Fire Department and City. Dumpster is to be covered securely.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the General Conditions and other Division 1 Specification sections, apply to the work of this section.
- B. Related specification sections:
 - 1. Section 07530 – EPDM Membrane Roofing.
 - 2. Section 07600 – Flashing and Sheet Metal.
 - 3. Section 07700 – Roof Accessories.

1.02 WARRANTY

- A. Contractor shall provide a minimum twenty (20) year manufacturer's warranty in the Base bid.
- B. Contractor shall provide a minimum thirty (30) year manufacturer's warranty in the Add Alternate bid.
- C. Upon project completion and material supplier acceptance, material supplier will issue to Owner a **No Dollar Limit**, full coverage warranty to be effective upon acceptance and complete payment to material supplier.
- D. Warranty shall cover all components installed under this specification. This includes all labor and materials necessary to correct any deficiencies during the life of the warranty.
- E. Warranty will be limited to design pressures for wind speeds of 130 mph.
- F. The Contractor shall certify by letter from the manufacturer of the roof system, compliance with the above guarantee requirements. Letter shall certify that the Total System Warranty required by these specifications will be issued upon proper completion of the roof system installation.
- G. The Contractor shall submit at the time of the final inspection, and as a condition of final payment, a written guarantee in which he agrees to maintain the entire roof system in a completely watertight condition at no cost to the Owner for two (2) years from the date of final acceptance.

PART 2 – PRODUCTS – Not Applicable To This Section

PART 3 – EXECUTION – Not Applicable To This Section

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the General and Supplementary Conditions and other Division 1 Specification sections, apply to the work of this section.
- B. Related specification sections:
 - 1. Section 01010 Summary of Work

1.02 DEMOLITION AND SALVAGE

- A. General – This specification section governs the demolition, salvaging (to the extent specified by the Owner), and disposal of materials resulting from the demolition.
- B. The existing roofing is multi-ply built-up system applied over tectum decks.
- C. Contractor is to remove existing roofing system down to existing deck including metal edges, flashings at plumbing vents, parapet copings and other appurtenances as required to complete new work.
- D. Contractor is to remove all adhesives or asphalt on decks to provide a clean deck.
- E. Contractor is to remove and salvage all plumbing vents, exhaust vents and other appurtenances to be re-used.
- F. Contractor is to remove any rotted, deteriorated or damaged wood blocking or tectum decking.

PART 2 – PRODUCTS – Not Applicable to This Section

PART 3 – EXECUTION

3.01 PROCEDURES, PREPARATION, AND PROTECTION

- A. Demolition operations shall be performed in such a manner that no damage to existing facilities or injury to persons will result from performance of the work.
- B. The Contractor shall review and visually survey areas to be demolished prior to beginning demolition.
- C. The use of equipment or wrecking devices is subject to the approval of the City. However, such approval does not relieve the Contractor of his responsibilities as outlined above and elsewhere in the Project Manual.
- D. Contractor is responsible for protection of property during course of the work. Lawns, trees, shrubbery, paving, fencing and building interior and exterior shall be protected from damage. Repair any damage that does occur at no cost to the Owner.
- E. New roofing, flashings, and insulation shall be installed and sealed in a watertight manner on same day of installation or before arrival of inclement weather.
- F. At start of each work day, scuppers and leaders within the daily work area shall be plugged to prevent debris from clogging drain lines. Plugs are to be removed at the end of each work day or prior to arrival of inclement weather.
- G. At end of each work day partial installations shall be sealed with water stops along edges to prevent water entry to new roofing system.
- H. Preparation shall be limited to those areas that can be covered with installed roofing material on same day or before arrival of inclement weather.
- I. Prior to commencing demolition provide a dumpster or dump truck located adjacent to the building where allowed by Owner. Provide an enclosed chute from roof for removal of debris from roof area. Demolished material is to be removed from roof as it accumulates. Do not pile debris in on roof in such a

way as to overload roof structure. Protect building surfaces, mechanical equipment, air intakes, etc from dust and debris. Dispose of debris in a legal manner.

- J. Work sequence shall be arranged so that newly constructed roof areas are not used for storage, equipment movement, or foot traffic. Move equipment and ground storage areas as work progresses.
- K. Clean roof of loose stone and dirt with a closed vacuum system.

3.02 ASBESTOS

- A. There is no asbestos containing materials in the roofing materials in the areas to be re-roofed.

3.03 SALVAGE

- A. Material removed from the building becomes the property of the Contractor unless specified otherwise by the Owner. Material salvaged for the Owner shall be placed in an area designated by the Owner for storage of the salvaged material.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the General Conditions and other Division 1 Specification sections, apply to the work of this section.
- B. Related specification sections:
 - 1. Section 07600 – Flashing and Sheet Metal

1.02 SUMMARY

- A. This specification section governs the general requirements, including the quality and type of materials, required for the installation of all lumber used for wood curbs, nailing strips, miscellaneous blocking, parapet edge blocking, unexposed fillers, fascias, edging strips, etc.

1.03 STORAGE

- A. All materials shall be stored at all times so that it will be fully protected from damage and weather. Materials shall be piled to prevent warping. All material shall be fully protected as to maintain the original required moisture content as specified in this specification section.

1.04 PROTECTION

- A. All finished work shall be adequately protected against damage from any source.

1.05 OTHER REQUIREMENTS

- A. Dimensions indicated on the drawings are nominal dimensions (except where details show actual sizes) and shall be subject to the standard reductions required for surfacing or tolerances permitted by the grading rules.

PART 2 – PRODUCTS

2.01 WOOD FRAMING AND CURBS – GRADING RULES, GRADES AND SPECIES

- A. Lumber – Shall be southern pine, yellow pine, Douglas fir, spruce, ponderosa pine, larch or hemlock, and shall meet the following minimum grade requirements and construction standard (75% #1 and 25% #2); free from warping and visible decay. Lumber shall be graded according to the standard grading rules of the Southern Pine Inspection Bureau, the West Coast Inspection Bureau, or the Western Wood Products association.

2.02 MOISTURE CONTENT

- A. All lumber shall be air-dried or kiln-dried before treatment, so that the moisture content is not more than 19%. After treatment, it shall be kiln dried at temperatures not exceeding 160 degrees Fahrenheit (71 degrees C), so that the moisture content is not more than 19% at time of shipment.

2.03 DECAY RESISTANT TREATMENT

- A. All lumber in contact with roofing, or acting as fascias, and all other exterior lumber, shall be pressure treated with a waterborne preservative in accordance with AWP Specification P5. Creosote and oil borne preservatives are not acceptable.

2.04 PLYWOOD

- A. Grade – CDX, Thickness – $\frac{3}{4}$ "; preservative pressure treated.

2.05 MECHANICAL FASTENERS / WOOD TO STEEL DECK

- A. Acceptable Manufacturers:
 - 1. Roofgrip screw with Climaseal coating; plastic disc – Buildex Division of ITW, Itasca, IL.
 - 2. Dekfast screw with Senti coating; plastic disc – Construction Fasteners, Inc., Wyomissing, PA.
 - 3. Insul-Fixx screw with Fabcote coating; plastic plate, Plate-Fixx screw with Fabcote coating; plastic plate - Fabco Fastening Systems, West Newton, PA.
 - 4. Kwik-Deck screw with Oxyseal coating; plastic disc – Atlas Bolt and Screw Division, Trans Union Fastener Corp, Ashland, OH.
 - 5. Hilti, Inc.
- B. Screw length – Sufficient to engage steel deck to a depth of $\frac{1}{2}$ ".

2.06 MECHANICAL FASTENERS / WOOD TO WOOD

- A. Type – Galvanized, common, annular ring nail. Length to be sufficient to penetrate wood material to a depth of $1\frac{1}{4}$ ".
- B. Acceptable Manufacturers:
 - 1. Hillwood Manufacturing Co., Cleveland, OH.
 - 2. Independent Nail, Inc., Bridgewater, MA.
 - 3. W.H. Maze Co., Peru, IL.
 - 4. National Nail Corp., Grand Rapids, MI.

2.07 MECHANICAL FASTENERS / WOOD TO MASONRY

- A. Acceptable Manufacturers:
 - 1. Tapcon Phillips pan head anchor, $\frac{1}{4}$ " diameter - Buildex Division of ITW, Itasca, IL.
 - 2. Confas - Construction Fasteners, Inc., Wyomissing, PA.
 - 3. Con-fixx - Fabco Fastening Systems, West Newton, PA.
- B. Length – Sufficient to provide $1\frac{1}{2}$ " embedment.

2.08 MECHANICAL FASTENERS / WOOD TO HOLLOW MASONRY

- A. Acceptable Manufacturers:
 - 1. Sleeve Anchor – Hilti Fastening Systems, Tulsa, OK.
 - 2. Rawly Hollow Masonry Anchor – Rawlplug Co. Inc., New Rochelle, NY.

- B. Length – As recommended by manufacturer.

PART 3 – EXECUTION

3.01 CARPENTRY

- A. All wood blocking shall be installed in strict accordance with the latest edition of Factory Mutual Global Loss Prevention Data Bulletin I-49.
- B. Mechanically attach wood blocking. Blocking thickness at roof edges to be equal to final insulation thickness. Minimum blocking at top of parapet is to be 1½" thick by width of parapet wall.
- C. Fasteners shall be installed in two rows staggered. Spacing in any one row shall not exceed 12 inches. Within eight feet of outside corners, spacing shall not exceed 6 inches in any one row.
- D. Offset blocking layers by 12 inches minimum and weave all corners.
- E. Cut ends of preservative treated wood to be treated in accordance with AWPA Specification M4.
- F. Lumber shall be accurately cut to the work requirements and shall be well fastened.
- G. Bolted fastenings shall have washers of adequate size under both heads and nuts. Nails shall be of correct size and quantity for proper fastening. Oversized nails that will result in splitting the wood shall not be used. All fasteners shall be galvanized per ASTM A 153.
- H. Refer to drawings for fasteners for mechanical equipment.
- I. Space fasteners to avoid penetrating of conduits, ductwork and any other system below. Cut or snip off ends of fasteners where necessary.

END OF SECTION

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. EPDM Adhered membrane roofing system.
- B. Cover board.
- C. Roof insulation.
- D. Vapor barrier.
- E. Substrate board.

1.2 RELATED SECTIONS:

- A. Division 06100 Section "Miscellaneous Rough Carpentry" for wood nailers, cants, curbs, and blocking and for wood-based, structural-use roof deck panels.
- B. Division 07600 Section "Flashing and Sheet Metal" for metal roof penetration flashings, flashings and counter-flashings.
- C. Division 07700 Section "Roofing Accessories" for gaskets, mastic, roofing cement and prefabricated curbs.

1.3 REFERENCES

- A. Roofing Terminology: Refer to the following publications for definitions of roofing work related terms used in this Section:
 - 1. ASTM D 1079 "Terminology Relating to Roofing and Waterproofing."
 - 2. Glossary of NRCA's "The NRCA Roofing and Waterproofing Manual."
 - 3. Roof Consultants Institute "Glossary of Roofing Terms."
- B. Sheet Metal Terminology and Techniques: SMACNA Architectural Sheet Metal Manual.

1.4 DESIGN CRITERIA

- A. General: Installed roofing membrane systems shall remain water-tight; thermally induced movement, and exposure to weather without failure.
- B. Material Compatibility: Roofing materials shall be compatible with one another under conditions of service and application required, as demonstrated by roofing system manufacturer based on testing and field experience.

- C. Installer shall comply with current code requirements based on authority having jurisdiction.
- D. Wind Uplift Performance: Roofing system shall meet the intent of systems that have been successfully tested by a qualified testing and inspecting agency to resist wind uplift pressure calculated in accordance with ASCE 7. The below values are to be confirmed by a Connecticut licensed Engineer before construction:

ASCE 7 (2010)

Criteria

Building Height, ft	31
Exposure Category	C
Wind Speed, V (mph)	130
Building Risk Category	III/IV

	Calculated Pressures (ASD)	FM Equivalent
Field Pressure (psf)	-25.70	60
Perimeter Pressure (psf)	-43.12	90
Corner Pressure (psf)	-64.90	135

1.5 SUBMITTALS

- A. Product Data: Manufacturer's data sheets for each product to be provided.
- B. Detail Drawings: Provide roofing system plans, elevations, sections, details, and details of attachment to other Work, including:
1. Base flashings, cants, and membrane terminations.
 2. Tapered insulation, including slopes.
 3. Crickets, saddles, and tapered edge strips, including slopes.
 4. Insulation fastening patterns.
- C. Verification Samples: Provide for each product specified.
- D. Maintenance Data: Refer to Johns Manville's latest published documents on www.specJM.com.
- E. Guarantees: Special guarantees specified in this Section.

1.6 QUALITY ASSURANCE

- A. **Installer Qualifications:** Qualified firm that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product and is eligible to receive the specified manufacturer's guarantee.
- B. **Manufacturer Qualifications:** Qualified manufacturer that has **UL listing** for roofing system identical to that used for this Project.
- C. **Testing Agency Qualifications:** Independent testing agency with the experience and capability to conduct the testing indicated, as documented in accordance with ASTM E 548.
- D. **Test Reports:**
 - 1. Roof deck fastener pullout test.
- E. **Source Limitations:** Obtain all components from the single source roofing system manufacturer guaranteeing the roofing system. All products used in the system must be labeled by the single source roofing system manufacturer issuing the guarantee.
- F. **Fire-Test-Response Characteristics:** Roofing materials shall comply with the fire-test-response characteristics indicated as determined by testing identical products per test method below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Materials shall be identified with appropriate markings of applicable testing and inspecting agency.
 - 1. **Exterior Fire-Test Exposure:** Class A, ASTM E 108, for application and roof slopes indicated.
 - 2. **Fire-Resistance Ratings:** ASTM E 119, for fire-resistance-rated roof assemblies of which roofing system is a part.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver roofing materials in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storage.
- B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer.
- C. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.
- D. Handle and store roofing materials and place equipment in a manner to avoid permanent deflection of deck.

1.8 PROJECT CONDITIONS

- A. Weather Limitations: Proceed with installation only when current and forecasted weather conditions permit roofing system to be installed in accordance with manufacturer's written instructions and guarantee requirements.

1.9 GUARANTEES

- A. Provide manufacturer's system guarantee equal to Johns Manville's Peak Advantage No Dollar Limit Roofing System Guarantee.
 - 1. Single-Source special guarantee includes roofing plies, base flashings, liquid applied flashing, roofing membrane accessories, roof insulation, fasteners, cover board, walkway products, manufacturer's expansion joints, manufacturer's edge metal products and other single-source components of roofing system marketed by the manufacturer.
 - 2. Guarantee Period: **20 years NDL for Base bid.**
- B. Installer's Guarantee: Submit roofing Installer's guarantee signed by Installer, covering Work of this Section, including all components of roofing system for the following guarantee period:
 - 1. Guarantee Period: Two Years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 ETHYLENE PROPYLENE DIENE MONOMER ROOFING MEMBRANE - EPDM

- A. Non-reinforced uniform, flexible sheet made from Ethylene Propylene Diene Monomer, ASTM D 4637, Type I. Basis of Design: Johns Manville EPDM NR, JM EPDM Non-reinforced or acceptable products by Carlisle Syntec, Inc. or Firestone Building Products Company.
 - 1. Thickness (minimum): **60 mils** for Base bid.
 - 2. Exposed Face Color: Black.

2.2 AUXILIARY ROOFING MATERIALS – SINGLE PLY

- A. General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with membrane roofing.
 - 1. Liquid-type auxiliary materials shall meet VOC limits of authorities having jurisdiction.
- B. Sheet Flashing: Manufacturer's sheet flashing of same material, type, reinforcement, thickness, and color as sheet membrane. Basis of Design: JM EPDM Peel & Stick Flashing or architect pre-approved equal.

- C. Primer Material: Manufacturer's standard synthetic-rubber polymer primer. Basis of Design: JM EPDM Tape Primer/Wash (Low VOC).
- D. Seaming Material: Manufacturer's standard **6-inch (150-mm)** wide minimum, butyl splice tape with release film. Basis of Design: JM EPDM Seam Tape.
- E. Bonding Adhesive: Manufacturer's standard Low VOC bonding adhesive for membrane, and solvent-based bonding adhesive for base flashings. Basis of Design: JM EPDM Bonding Cement (Low VOC).
- F. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer. Basis of Design: High Load Fasteners and Plates; High Load Pre-Assembled Fasteners; High Load Reel-Fast; High Load AccuSeam; Extra High Load Fasteners and Plates based on 130 mph wind speed roof design.
- G. Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, termination reglets, cover strips, sealants and other accessories. Basis of Design: JM EPDM Peel & Stick Flashing, JM EPDM Peel & Stick Inside/Outside Corners, JM EPDM Peel & Stick Pipe Boots, JM EPDM Peel & Stick Pourable Sealer Pockets, JM EPDM Peel & Stick Sealing Strips, JM EPDM Peel & Stick T-Joint Patch, JM EPDM Protective Stone Mat, JM EPDM Reinforced Termination Strip (RTS) and JM Single Ply Caulk as required for design.

2.3 AUXILIARY ROOFING SYSTEM COMPONENTS

- A. Expansion Joints: Provide factory fabricated weatherproof, exterior covers for expansion joint openings consisting of flexible rubber membrane, supported by a closed cell foam to form flexible bellows, with two metal flanges, adhesively and mechanically combined to the bellows by a bifurcation process. Provide product manufactured and marketed by single-source membrane supplier that is included in the No Dollar Limit guarantee. Basis of Design: Expand-O-Flash or Expand-O-Gard based as required by design requirements.
- B. Coping System: Manufacturer's factory fabricated coping consisting of a base piece and a snap-on cap. Provide product manufactured and marketed by single-source membrane supplier that is included in the No Dollar Limit guarantee. Basis of Design: JM Presto-Lock Coping, 0.063 gauge, Kynar 500.
- C. Flashing and Sheet Metal: Metal flashing sheet is specified in Division 07600.

2.4 WALKWAYS

- A. Flexible Walkways: Factory-formed, nonporous, heavy-duty, slip-resisting, surface-textured walkway pads sourced from membrane roofing system manufacturer. Basis of Design: JM EPDM Peel & Stick Walkpads.
- B. Attic stock: Provide 12 extra walkpads.

2.5 COVER BOARD

- A. Gypsum Board: ASTM C 1177, Heavy duty coated glass-mat facer with Eonic primed face, water-resistant gypsum substrate for adhered roof applications, 5/8" thick. Basis of design: Dens Deck Prime Roof Board

2.6 ROOF INSULATION

- A. General: Preformed roof insulation boards that comply with requirements and referenced standards, selected from manufacturer's standard sizes and of thicknesses indicated.
- B. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, Basis of Design: ENRGY 3.
 - 1. Provide insulation package with continuous R Value not less than **R-30**.

2.7 TAPERED INSULATION

- A. Tapered Insulation: ASTM C 1289, provide factory-tapered insulation boards fabricated to slope of **1/4 inch per 12 inches (1:48)** unless otherwise indicated. Basis of Design: Tapered ENRGY 3

2.8 VAPOR RETARDER

- A. Self-Adhered SBS Vapor Retarder: Tri-laminate woven polyethylene, nonslip UV protected top surface; suitable for application method specified. Basis of design: JM Vapor Barrier SAR.
- B. Self-Adhered Primer: One-part penetrating primer solution to enhance the adhesion of self-adhering membranes. SA Primer.

2.9 SUBSTRATE BOARD

- A. High-Density Polyisocyanurate: ASTM C 1289, Type II, Class 4, Grade 1, High-density Polyisocyanurate technology bonded in-line to inorganic coated glass facers with greater than 80 lbs. of compressive strength. Basis of design: ProtectoR HD
 - 1. Thickness: 1/2 inch (13 mm)
 - 2. R-value: 2.5

2.10 INSULATION ACCESSORIES

- A. General: Roof insulation accessories recommended by insulation manufacturer for intended use and compatible with membrane roofing.

- B. Provide factory preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated. Basis of Design: Tapered Fesco Edge Strip.
- C. Fasteners: Factory-coated steel fasteners and metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening roof insulation to substrate, and furnished by roofing system manufacturer. Basis of Design: UltraFast Fasteners and Plates.
- D. Urethane Adhesive: Manufacturer's two component urethane adhesive formulated to adhere insulation to substrate. Basis of Design: JM Two-Part Urethane Insulation Adhesive.
- E. Retain paragraph below if wood nailer strips are required
- F. Wood Nailer Strips: Comply with requirements in Division 06 Section "Miscellaneous Rough Carpentry."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions for compliance with the requirements affecting performance of roofing system.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Clean and remove from substrate sharp projections, dust, debris, moisture, and other substances detrimental to roofing installation in accordance with roofing system manufacturer's written instructions.
- B. Perform Roof deck fastener pullout test and submit certified results to manufacturer for system letter and required fastening patterns to meet required uplift performance. System letter and fastening patterns shall bear the seal and signature of a Connecticut licensed Engineer.
- C. Prevent materials from entering and clogging scuppers and rain leaders and from spilling or migrating onto surfaces of other construction.
- D. Provide dry wood deck substrate.
- E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.3 RE-ROOF PREPARATION

- A. Remove all roofing membrane, gravel ballast, coverboards, insulation, fasteners, asphalt, pitch, adhesives, etc.
 - 1. Remove an area no larger than can be re-roofed in one day.
- B. Tear out all base flashings, counterflashings, pitch pans, pipe flashings, vents and like components necessary for application of new membrane.
- C. Remove abandoned equipment curbs and penetrations.
 - 1. Install decking to match existing.
- D. Raise (disconnect by licensed craftsmen, if necessary) all HVAC units and other equipment supported by curbs to conform with the following:
 - 1. Modify curbs as required to provide a minimum 8" base flashing height measured from the surface of the new membrane to the top of the flashing membrane.
 - 2. Nail top of flashing and install new metal counterflashing prior to re-installation of unit.
 - 3. Perimeter nailers must be elevated to match elevation of new roof insulation.
- E. Immediately remove all debris from roof surface. Demolished roof system may not be stored on the roof surface.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.4 SUBSTRATE BOARD INSTALLATION

- A. Install substrate board with long joints in continuous straight lines, perpendicular to roof slopes with end joints staggered between rows. Tightly butt substrate boards together.
 - 1. Fasten substrate board to deck to resist uplift pressure at corners, perimeter, and field of roof per roofing system manufacturer's written instructions.

3.5 VAPOR-RETARDER INSTALLATION

- A. Install modified bituminous vapor retarder sheet according to roofing manufacturer's written instructions, starting at low point of roofing system. Extend roofing membrane sheets over and terminate beyond cants, installing as follows:
 - 1. Unroll roofing membrane sheets and allow them to relax for minimum time period required by manufacturer.
 - 2. Self-adhere vapor retarder to substrate according to roofing system manufacturer's instruction.

- B. Laps: Accurately align roofing membrane sheets, without stretching, and maintain uniform side and end laps. Stagger end laps. Completely bond and seal laps, leaving no voids.
 - 1. Repair tears and voids in laps and lapped seams not completely sealed.
- C. Completely seal vapor retarder at terminations, obstructions, and penetrations to prevent air movement into membrane roofing system.

3.6 INSULATION INSTALLATION

- A. Coordinate installation of roof system components so insulation and cover board is not exposed to precipitation or left exposed at the end of the workday.
- B. Comply with roofing system manufacturer's written instructions for installation of roof insulation and cover board.
- C. Install tapered insulation under area of roofing to conform to slopes indicated.
- D. Install insulation boards with long joints in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with like material.
- E. Install 2 or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.
- F. Trim surface of insulation boards where necessary at roof drains so completed surface is flush and does not restrict flow of water.
- G. Install tapered edge strips at perimeter edges of roof that do not terminate at vertical surfaces.
- H. Adhered Insulation: Adhere each layer of insulation to substrate as follows:
 - 1. Install each layer in a two-part urethane adhesive according to roofing system manufacturer's instruction.
 - 2. Install each layer to resist uplift pressure at corners, perimeter, and field of roof.
- I. Proceed with installation only after unsatisfactory conditions have been corrected.

3.7 COVER BOARD INSTALLATION

- A. Coordinate installing membrane roofing system components so cover board is not exposed to precipitation or left exposed at the end of the workday.
- B. Comply with membrane roofing system manufacturer's written instructions for installing roof cover board.

- C. Install cover board with long joints of cover board in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with cover board.
 - 1. Cut and fit cover board within 1/4 inch (6 mm) of nailers, projections, and penetrations.
- D. Trim surface of cover board where necessary at roof drains so completed surface is flush and does not restrict flow of water.
 - 1. Install tapered edge strips at perimeter edges of roof that do not terminate at vertical surfaces.
- E. Adhered Cover Board: Adhere cover board to substrate as follows:
 - 1. Install in a two-part urethane adhesive according to roofing system manufacturer's instruction.
- F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.8 ROOFING MEMBRANE INSTALLATION, GENERAL

- A. Install roofing membrane in accordance with roofing system manufacturer's written instructions, applicable recommendations of the roofing manufacturer and requirements in this Section.
- B. Where roof slope exceeds 1/2 inch per 12 inches (1:24, contact the membrane manufacturer for installation instructions regarding installation direction and back nailing.
- C. Cooperate with testing and inspecting agencies engaged or required to perform services for installing roofing system.
- D. Coordinate installing roofing system so insulation and other components of the roofing membrane system not permanently exposed are not subjected to precipitation or left uncovered at the end of the workday or when rain is imminent.
 - 1. Provide tie-offs at end of each day's work to cover exposed roofing membrane sheets and insulation with a course of coated felt set in roofing cement or hot roofing asphalt with joints and edges sealed.
 - 2. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system.
 - 3. Remove and discard temporary seals before beginning work on adjoining roofing.
- E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.9 ADHERED ROOFING MEMBRANE INSTALLATION

- A. Install roofing membrane over area to receive roofing in accordance with membrane roofing system manufacturer's written instructions. Unroll roofing membrane and allow to relax before installing.
 - 1. Install sheet in accordance with ASTM D 5036 and roofing system manufacturer's written instructions.
- B. Accurately align roofing membrane and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.
- C. Bonding Adhesive: Apply solvent-based bonding adhesive to substrate and underside of roofing membrane at rate required by manufacturer and allow to partially dry before installing roofing membrane. Do not apply bonding adhesive to splice area of roofing membrane.
- D. Mechanically fasten roofing membrane securely at terminations, penetrations, and perimeter of roofing.
- E. Apply roofing membrane with side laps shingled with slope of roof deck where possible.
- F. Tape Seam Installation: Clean and prime both faces of splice areas, apply splice tape, and firmly roll side and end laps of overlapping roofing membranes according to manufacturer's written instructions to ensure a watertight seam installation. Apply lap sealant and seal exposed edges of roofing membrane terminations.
- G. Seams: Clean seam areas, overlap roofing membrane, and hot-air weld side and end laps of roofing membrane according to manufacturer's written instructions to ensure a watertight seam installation.
 - 1. Test lap edges with probe to verify seam weld continuity. Apply lap sealant to seal cut edges of roofing membrane.
 - 2. Verify field strength of seams a minimum of twice daily and repair seam sample areas.
 - a. Remove and repair any unsatisfactory sections before proceeding with Work.
 - 3. Repair tears, voids, and lapped seams in roofing membrane that do not meet requirements.
- H. Spread sealant or mastic bed over flange at scuppers and securely seal roofing membrane in place with clamping ring.
- I. Install roofing membrane and auxiliary materials to tie in to existing roofing.
- J. Proceed with installation only after unsatisfactory conditions have been corrected.

3.10 BASE FLASHING INSTALLATION

- A. Install sheet flashings and preformed flashing accessories and adhere to substrates in accordance with membrane roofing system manufacturer's written instructions.
- B. Apply solvent-based bonding adhesive to substrate and underside of sheet flashing at required rate and allow to partially dry. Do not apply bonding adhesive to seam area of flashing.
- C. Flash penetrations and field-formed inside and outside corners with sheet flashing.
- D. Flash penetrations and field-formed inside and outside corners with cured or uncured sheet flashing.
- E. Clean seam areas and overlap and firmly roll sheet flashings into the adhesive. Weld side and end laps to ensure a watertight seam installation.
- F. Terminate and seal top of sheet flashings and mechanically anchor to substrate through termination bars.
- G. Proceed with installation only after unsatisfactory conditions have been corrected.

3.11 WALKWAY INSTALLATION

- A. Proceed with installation only after unsatisfactory conditions have been corrected.
- B. Flexible Walkways: Install walkway products in locations indicated. Adhere walkway products to substrate with compatible adhesive according to roofing system manufacturer's written instructions. Leave 3" of space between pads. Cut pads as required to fit at equipment locations.

3.12 FIELD QUALITY CONTROL

- A. Final Roof Inspection: Arrange for roofing system manufacturer's Registered Roof Observer (RRO) to inspect roofing installation on completion and submit report to Architect.
- B. Repair or remove and replace components of roofing system where test results or inspections indicate that they do not comply with specified requirements.

3.13 PROTECTION AND CLEANING

- A. Protect roofing system from damage and wear during remainder of construction period.
- B. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the General and Supplementary Conditions and other Division 1 Specification sections, apply to the work of this section.
- B. Related specification sections:
 - 1. Section 06110 – Rough Carpentry
 - 2. Section 07530 – EPDM Roofing

1.02 SUMMARY

- A. This specification section governs the general requirements, including the quality and type of materials, required for the installation of all flashing and sheet metal used in the installation of the roofing system. Provide flashing and sheet metal for metal roof edges, cap at parapet wall, roof curbs, mechanical units, vents, piping, and all sheet metal accessories as shown on the drawings and as required for a complete watertight roofing system.

1.03 SUBMITTALS

- A. Submit for approval shop drawings, samples, and product data.

1.04 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers that have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

1.05 PROTECTION

- A. All finished work shall be adequately protected against damage from any source.

1.06 OTHER REQUIREMENTS

- A. Dimensions indicated on the drawings are nominal dimensions (except where details show actual sizes) and shall be subject to the standard reductions required for surfacing or tolerances permitted by the grading rules. Unless otherwise indicated on the drawing all material shall be S4S (surfaced four sides).

PART 2 – PRODUCTS

2.01 MATERIALS

- A. Metal cap at parapet walls to be aluminum, .0641 gauge, full length of parapet wall and deep enough to cover full width of parapet. Metal edge to be aluminum, .0641 gauge, Colors to be selected by Architect from manufacturer's standard Kynar colors.
- B. Metal scuppers at parapet walls to be aluminum, .0641 gauge, sized per drawings and deep enough to cover full width of parapet. Colors to be selected by Architect from manufacturer's standard Kynar colors.

- C. Fabricated units are to be in compliance with SMACNA Sheet Metal Manual.
- D. Auxiliary Materials:
 - 1. Solder to be compatible with metal.
 - 2. Bituminous isolation coating.
 - 3. Mastic and elastomeric sealants.
 - 4. Epoxy seam sealer.
 - 5. Reglets, termination bars, and metal accessories.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Follow recommendations of SMACNA Sheet Metal Manual. Allow for expansion. Isolate dissimilar materials.
- B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- C. Restore damaged components and finishes. Clean and protect work from damage.

END OF SECTION

PART 1 GENERAL

1.01 WORK INCLUDED

A. Work Included: The work of this section shall include but not be limited to the following:

1. Curb and equipment support units.

1.02 RELATED WORK

- A. Section 07530 – EPDM Roofing.
- B. Section 07600 - Flashing and Sheet Metal.
- C. Section 07900 - Joint Sealers.

1.03 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data, rough-in diagrams, details and installation instructions.
- B. Samples: Submit 8" square samples of each exposed sheet material, and 12" long samples of formed or extruded members; color and finish as specified.
- C. Certificates: Submit certificates from manufacturers that their products comply with specifications and are suitable for the use indicated.

1.04 QUALITY ASSURANCE

- A. Standards: Comply with SMACNA "Architectural Sheet Metal Manual" details for fabrication of units, including flanges and cap-flashing to coordinate with roofing. Comply with "NRCA Roofing and Waterproofing Manual" details for installation of units.

PART 2 PRODUCTS

2.01 GENERAL PRODUCT REQUIREMENTS

- A. Provide manufacturers' standard prefabricated units, modified as necessary to comply with requirements.
- B. Provide units with roof flanges, and other standard provisions for a complete and watertight installation.

2.02 MATERIALS, GENERAL

- A. Zinc-Coated Steel: Commercial quality with 0.20 percent copper, ASTM A 525, G90 hot-dip galvanized, mill phosphatized.

- B. Aluminum Sheet: ASTM B 209, alloy 3003, temper as required for forming and performance.
- C. Extruded Aluminum: ASTM B 221, alloy 6063-T52; 0.078" minimum thickness for primary members, 0.0641" for secondary members.
- D. Insulation: Manufacturer's standard rigid or semi-rigid board of glass fiber of thicknesses indicated.
- E. Fasteners: Same metal as metals being fastened, or nonmagnetic stainless steel, as recommended by manufacturer. Match finish of exposed fasteners with finish of material being fastened.
- F. Gaskets: Tubular or fingered design of neoprene or polyvinyl chloride, or block design of sponge neoprene.
- G. Bituminous Coating: SSPC-Paint 12, asphalt mastic, nominally free of sulfur, compounded for 15-mil dry film thickness per coating.
- H. Mastic Sealant: Polyisobutylene; nonhardening, non-skinning, nondrying, nonmigrating sealant.
- I. Elastomeric Sealant: Generic type recommended by unit manufacturer, which is compatible with joint surfaces; comply with ASTM C 920.
- J. Roofing Cement: ASTM D 4586, asphaltic.

2.03 PREFABRICATED CURBS/EQUIPMENT SUPPORTS

- A. Comply with loading and strength requirements as indicated where units support other work. Coordinate dimensions with rough-in sheets or shop drawings of equipment to be supported. Fabricate of structural quality sheet steel (ASTM A 570, Grade as required) which has been prepared for painting and factory-primed and painted with 2-mil thickness of baked-on synthetic enamel, after fabrication.
 - 1. Fabricate with welded or sealed mechanical corner joints. Provide complete with cant strips and base profile coordinated with roof insulation thickness. Provide preservative-treated wood nailers at tops of curbs, coordinate with thickness of insulation and roof flashing as indicated, tapered as necessary to compensate for roof deck slopes of 1/4" per ft. and less.
 - 2. Except as otherwise indicated or required for strength, fabricate units of minimum 14-gage (0.0747") metal, and to minimum height of 12".
 - 3. Manufacturer: Subject to compliance with requirements, provide prefabricated curbs/equipment supports as manufactured by A & L Manufacturing Company or an approved equal by one of the following:

- a. Custom Curb, Inc.; Chattanooga, TN
- b. The Pate Company; Broadview, IL
- c. ThyCurb Div./ThyBar Corp.; Addison, IL

PART 3 EXECUTION

3.01 INSTALLATION

- A. General: Comply with manufacturer's instructions. Coordinate installation with adjacent work to ensure that roof accessories are waterproof and weathertight. Anchor units securely to withstand lateral and thermal stresses and loading pressures.
- B.
 - 1. Install roof accessory items in accordance with construction details of "NRCA Roofing and Waterproofing Manual".
- B. Isolation: Where metal surface units are to be installed in contact with non-compatible materials, apply bituminous coating on concealed metal surfaces, or provide other permanent separation.
- C. Flange Seals: Set flanges of accessory units in a thick bed of roofing cement, to form a seal.
- D. Cap Flashing: Install accessories to provide adequate waterproof overlap with roofing or roof flashing.
- E. Operational Units: Test units with operable parts. Clean and lubricate joints and hardware. Adjust for proper operation.

3.02 CLEANING AND PROTECTION

- A. Clean exposed metal surfaces in accordance with manufacturer's instructions. Touch up damaged metal coatings.

END OF SECTION

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Work Included: The Work of this Section includes joint sealants for the following locations:
1. Exterior joints in vertical and horizontal surfaces as indicated.

1.02 RELATED WORK

- A. Section 07600 - Flashing and Sheet Metal.

1.03 SYSTEM PERFORMANCE REQUIREMENTS

- A. Provide elastomeric joint sealants that have been produced and installed to establish and to maintain watertight and airtight continuous seals without causing staining or deterioration of joint substrates.

1.04 SUBMITTALS

- A. Product data from manufacturers for each joint sealant product required.
1. Certification by joint sealant manufacturer that sealants plus the primers and cleaners required for sealant installation comply with local regulations controlling use of volatile organic compounds.
- B. Certificates from manufacturers of joint sealants attesting that their products comply with specification requirements and are suitable for the use indicated.
- C. Compatibility and adhesion test reports from elastomeric sealant manufacturer indicating that materials forming joint substrates and joint sealant backings have been tested for compatibility and adhesion with joint sealants. Include sealant manufacturer's interpretation of test results relative to sealant performance and recommendations for primers and substrate preparation needed to obtain adhesion.

1.05 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced Installer who has completed joint sealant applications similar in material, design, and extent to that indicated for Project that have resulted in construction with a record of successful in-service performance.
- B. Single Source Responsibility for Joint Sealant Materials: Obtain joint sealant materials from a single manufacturer for each different product required.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration period for use, pot life, curing time, and mixing instructions for multi-component materials.

- B. Store and handle materials in compliance with manufacturer's recommendations to prevent their deterioration or damage due to moisture, high or low temperatures, contaminants, or other causes.

1.07 PROJECT CONDITIONS

- A. Environmental Conditions: Do not proceed with installation of joint sealants under the following conditions:
 - 1. When ambient and substrate temperature conditions are outside the limits permitted by joint sealant manufacturer or below 40 deg F (4.4 deg C).
 - 2. When joint substrates are wet.
- B. Joint Width Conditions: Do not proceed with installation of joint sealants where joint widths are less than allowed by joint sealant manufacturer for application indicated.
- C. Joint Substrate Conditions: Do not proceed with installation of joint sealants until contaminants capable of interfering with their adhesion are removed from joint substrates.

1.08 WARRANTY

- A. General: Warranties shall be in addition to, and not a limitation of, other rights the Owner may have under the Contract Documents.
- B. Manufacturer's Special Project Warranty on Sealants: Provide written warranty signed by manufacturer and contractor of agreeing to furnish during the specified warranty period indicated below, replacement for sealants which develop manufacturing and workmanship defects. Defects are defined as edge separation or delamination.
 - 1. Warranty Period: Manufacturer's standard but not less than 10 years after date of substantial completion.

PART 2 - PRODUCTS

2.01 MATERIALS, GENERAL

- A. Compatibility: Provide joint sealants, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.
- B. Colors: Provide color of exposed joint sealants to comply with the following:
 - 1. Provide selections made by Architect from manufacturer's full range of standard colors for products of type indicated.

2.02 ELASTOMERIC JOINT SEALANTS

- A. Elastomeric Sealant Standard: Provide manufacturer's standard chemically curing elastomeric sealants that comply with ASTM C 920 and other requirements indicated on each Elastomeric Joint Sealant Data Sheet at end of this Section, including those

requirements referencing ASTM C 920 classifications for Type, Grade, Class, and Uses.

1. Additional Movement Capability: Where additional movement capability is specified in Elastomeric Joint Sealant Data Sheet, provide products with the capability, when tested for adhesion and cohesion under maximum cyclic movement per ASTM C 719, to withstand the specified percentage change in the joint width existing at time of installation and remain in compliance with other requirements of ASTM C 920 for Uses indicated.
- B. One-Part Neutral Cure Silicone Sealant: Type S; Grade NS; Class 25; where specifically approved by the Architect.
1. Additional Capability: When tested per ASTM C 719, to withstand 50 percent increase and decrease of joint width as measured at time of application.
 2. Available Products
 - "Dow Corning 795"; Dow Corning Corp.
 - "Dow Corning 790"; Dow Corning Corp.
 - "Silpruf"; General Electric Co.
 - "GE Construction 1200"; General Electric Co.
 - "895 Silicone"; Pecora Corp.
 - "Spectrum 2"; Tremco, Inc.

2.03 LATEX JOINT SEALANTS

- A. General: Provide manufacturer's standard one-part, nonsag, mildew-resistant, paintable latex sealant of formulation indicated that is recommended for exposed applications on interior and protected exterior locations and that accommodates indicated percentage change in joint width existing at time of installation without failing either adhesively or cohesively.
- B. Acrylic-Emulsion Sealant: Provide product complying with ASTM C 834 that accommodates joint movement of not more than 5 percent in both extension and compression for a total of 10 percent.
- C. Silicone Emulsion Sealant: Provide product complying with ASTM C 834 and, except for weight loss measured per ASTM C 792, with ASTM C 920 that accommodates joint movement of not more than 25 percent in both extension and compression for a total of 50 percent.

2.04 JOINT SEALANT BACKING

- A. General: Provide sealant backings of material and type that are non-staining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.
- B. Plastic Foam Joint Fillers: Preformed, compressible, resilient, non-staining, non-waxing, non-extruding strips of flexible plastic foam of material indicated below and of size, shape, and density to control sealant depth and otherwise contribute to producing optimum sealant performance:
1. Either flexible, open cell polyurethane foam or non-gassing, closed-cell

polyethylene foam, unless otherwise indicated or as recommended by the sealant manufacturer.

- C. Elastomeric Tubing Joint Fillers: Neoprene, butyl, EPDM, or silicone tubing complying with ASTM D 1056, nonabsorbent to water and gas, capable of remaining resilient at temperatures down to -26 deg F (-32 deg C). Provide products with low compression set and of size and shape to provide a secondary seal, to control sealant depth, and otherwise contribute to optimum sealant performance.
- D. Bond-Breaker Tape: Polyethylene tape or other plastic tape as recommended by sealant manufacturer for preventing sealant from adhering to rigid, inflexible joint filler materials or joint surfaces at back of joint where such adhesion would result in sealant failure. Provide self-adhesive tape where applicable.

2.05 MISCELLANEOUS MATERIALS

- A. Primer: Material recommended by joint sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint sealant-substrate tests and field tests.
- B. Cleaners for Nonporous Surfaces: Chemical cleaners acceptable to manufacturers of sealants and sealant backing materials, free of oily residues or other substances capable of staining or harming in any way joint substrates and adjacent nonporous surfaces, and formulated to promote optimum adhesion of sealants with joint substrates.
- C. Masking Tape: Non-staining, nonabsorbent material compatible with joint sealants and surfaces adjacent to joints.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine joints indicated to receive joint sealants, with Installer present, for compliance with requirements for joint configuration, installation tolerances, and other conditions affecting joint sealant performance. Do not proceed with installation of joint sealants until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with recommendations of joint sealant manufacturer and the following requirements:
 - 1. Remove all foreign material from joint substrates that could interfere with adhesion of joint sealant, including dust, paints (except for permanent, protective coatings tested and approved for sealant adhesion and compatibility by sealant manufacturer), old joint sealants, oil, grease, waterproofing, water repellents, water, surface dirt, and frost.
 - 2. Clean concrete, masonry, cast stone and similar porous joint substrate surfaces by brushing, grinding, blast cleaning, mechanical abrading, or a combination of these

methods to produce a clean, sound substrate capable of developing optimum bond with joint sealants. Remove loose particles remaining from above cleaning operations by vacuuming or blowing out joints with oil-free compressed air.

3. Remove laitance and form release agents from concrete.
- B. Joint Priming: Prime joint substrates where indicated or where recommended by joint sealant manufacturer based on preconstruction joint sealant-substrate tests or prior experience. Apply primer to comply with joint sealant manufacturer's recommendations. Confine primers to areas of joint sealant bond; do not allow spillage or migration onto adjoining surfaces.
- C. Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces that otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

3.03 INSTALLATION OF JOINT SEALANTS

- A. General: Comply with joint sealant manufacturer's printed installation instructions applicable to products and applications indicated, except where more stringent requirements apply.
- B. Sealant Installation Standard: Comply with recommendations of ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.
- C. Installation of Sealant Backings: Install sealant backings to comply with the following requirements:
- D. Install joint fillers of type indicated to provide support of sealants during application and at position required to produce the cross-sectional shapes and depths of installed sealants relative to joint widths that allow optimum sealant movement capability.
 1. Do not leave gaps between ends of joint fillers.
 2. Do not stretch, twist, puncture, or tear joint fillers.
 3. Remove absorbent joint fillers that have become wet prior to sealant application and replace with dry material.
- E. Install bond breaker tape between sealants where backer rods are not used between sealants and joint fillers or back of joints.
- F. Installation of Sealants: Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability. Install sealants at the same time sealant backings are installed.
- G. Tooling of Non-sag Sealants: Immediately after sealant application and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated, to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling

agents that discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.

1. Provide concave joint configuration per Figure 5A in ASTM C 1193, unless otherwise indicated.

- H. Installation of Preformed Foam Sealants: Install each length of sealant immediately after removing protective wrapping, taking care not to pull or stretch material, and to comply with sealant manufacturer's directions for installation methods, materials, and tools that produce seal continuity at ends, turns, and intersections of joints. For applications at low ambient temperatures where expansion of sealant requires acceleration to produce seal, apply heat to sealant in conformance with sealant manufacturer's recommendations.

3.04 CLEANING

- A. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which joints occur.

3.05 PROTECTION

- A. Protect joint sealants during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of Substantial Completion. If, despite such protection, damage or deterioration occurs, cut out and remove damaged or deteriorated joint sealants immediately so that and installations with repaired areas are indistinguishable from original work.

END OF SECTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. The Contract Documents, including General and Supplementary Conditions shall govern all work under this Division. Correlation of these Documents is the responsibility of the Contractor.

1.2 CODES:

- A. Comply with the provisions of the Connecticut State Building Code and State Fire Codes, including all supplements and amendments thereto.

1.3 STANDARDS:

- A. All work shall be performed in accordance with applicable standards referenced herein. The following organization specifications and standards are made part of the Contract Documents.

AMCA	-	Air Moving and Conditioning Association
ANSI	-	American National Standards Institutes
CISP	-	Cast Iron Soil Pipe Institute
IAMPO	-	International Association of Plumbing and Mechanical Officials
ARI	-	American Refrigeration Institutes
ASHRAE	-	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASME	-	American Society of Mechanical Engineers
ASTM	-	American Society for Testing Materials
FM	-	Factory Mutual
NEC	-	National Electrical Code
NFPA	-	National Fire Protection Association
OSHA	-	Occupational Safety Health Act
SMACNA	-	Sheet Metal and Air Conditioning Contractors National Association, Inc.
UL	-	Underwriters Laboratories, Inc.

- B. Conform to NFPA 90A - Standard for the Installation of Air Conditioning and Ventilating Systems.

1.4 INTENT:

- A. Provide all materials, labor, equipment and services necessary for removal of existing and installation of HVAC and Plumbing work shown on the drawings and as specified herein. It is the intent of the specifications and drawings to provide for finished work, tested, and ready for operation. All required items and services not shown, but necessary to render the work complete and ready for operation, shall be provided without additional cost to the Owner.
- B. Work scope: The work under this Division shall include, but is not necessarily limited to the following:
1. Removal of existing and re-installation of existing exhaust fans, including extension of existing ductwork, piping, conduits, etc.

2. Protection and guarantee of the work of the Division to safely, properly and continuously operate.

1.5 COORDINATION:

- A. Electrical: All electric power and motor control circuit wiring will be furnished and installed by the Electrical Contractor under Division 16000.
- B. Responsibility: Provide all information, supervision, coordination and other information for enabling other trades to coordinate their work.

PART 2 – SITE INVESTIGATION, PERMITS, WARRANTIES AND LABOR

2.1 SITE INVESTIGATION:

- A. Examine the drawings and specifications of all trades, and the site, and from these investigations be responsible for the nature and location of working conditions. Refer to the Architectural plans for details relating to construction work phasing, access, material storage, staging areas, etc., and account for these items in preparing your Bid.

2.2 PERMITS:

- A. The Contractor shall give all necessary notices, obtain all permits and pay all state and local taxes, fees and other costs in connection with his work. The Contractor is responsible for performing any and all inspections required by the Building Code Official and the local Fire Marshal.

2.3 WARRANTIES AND GUARANTEES:

- A. Workmanship Warranty - Leave the entire system installed under this Contract in perfect working order.

2.4 EXPERIENCED LABOR

- A. The Contractor shall be fully responsible for the care, experience, and diligence exhibited by his labor in the conduct of performing all work. If as a result of using inexperienced labor, the Engineer is required to perform numerous checks of the installations, or to investigate deficiencies in the equipment installations or system performance, the Contractor shall be responsible for back charges from the Owner, Architect and Engineer resulting from additional work.

PART 3 - EXECUTION

3.1 PIPE SLEEVES AND SEALING:

- A. Pack space between sleeve and pipe with fire retardant putty, sealant and/ or caulk. Fire retardant sealer and system shall meet ASTM E-84, ASTM E-814, and UL-1479. Manufacturer: Dow Corning - Firestop 2001; 3M-CP-25; Nelson -CLK,FSP; or Standard Oil - Fyre Putty.

3.2 EQUIPMENT STARTUP AND FUNCTIONAL TESTS:

- A. Perform an operating test of each completed system for as long as necessary to provide coordination and proper functioning of all related systems and controls. Should the equipment fail to meet the Contract requirements, the Contractor shall repair or replace all defective or inoperative parts and again conduct performance tests.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and applicable provisions of the Contract, including General and Supplementary Conditions, Division 1 - General Requirements, and the General Provisions, Section 15000 govern the work of this Division.
- B. Requirements given herein may be affected by other related requirements of the project specification. Correlation of the contract requirements is the responsibility of the Contractor.

1.02 REFERENCES

- A. Perform work in accordance with the requirements of Section 15000, General Provisions, and all applicable codes and laws.

1.03 SUBMITTALS

- A. Shop Drawings - Submit drawings for each type of hanger and support, indicating dimensions, weights, required clearances and methods of component assembly.
 - 1. Include pipe hanger and support schedule showing manufacturer's Figure No., size, location and features for each required pipe hanger and support.
 - 2. Submit operation and maintenance data.
 - 3. Include installation instruction, assembly views, lubrication instructions, and replacement parts list.

1.04 QUALITY ASSURANCE

- A. Qualify welding processes and operators according to the following:
 - 1. AWS D1.1 - Structural Welding Code - Steel.
 - 2. ANSI/ASME Sec 9 - Welding and Brazing Qualifications.
- B. NFPA Compliance: Comply with NFPA 13 for hangers and supports used as components of fire protection systems.

PART 2 - PRODUCTS

2.01 PIPE HANGERS AND SUPPORTS

- A. Hangers for Pipe Sizes 1/2 to 1-1/2 Inch: Carbon steel, adjustable swivel, split ring.
- B. Hangers for Pipe Sizes 2 to 4 Inches and Cold Pipe Sizes 6 Inches and Over: Carbon steel, adjustable, clevis.

- C. Hangers for Hot Pipe Sizes 6 Inches and Over: Adjustable steel yoke, cast iron roll, double hanger.
- D. Multiple or Trapeze Hangers: Steel channels with welded spacers and hanger rods; cast iron roll and stand for hot pipe sizes 6 inches and over.
- E. Wall Support for Pipe Sizes to 3 Inches: Cast iron hook.
- F. Wall Support for Pipe Sizes 4 Inches and Over: Welded steel bracket and wrought steel clamp; adjustable steel yoke and cast iron roll for hot pipe sizes 6 inches and over.
- G. Vertical Support: Steel riser clamp.
- H. Floor Support for Pipe Sizes to 4 Inches and All Cold Pipe Sizes: Cast iron adjustable pipe saddle, locknut nipple, floor flange, and concrete pier or steel support.
- I. Floor Support for Hot Pipe Sizes 6 Inches and Over: Adjustable cast iron roll and stand, steel screws, and concrete pier or steel support.
- J. Copper Pipe Support: Carbon steel ring, adjustable, copper plated.
- K. Shield for Insulated Piping 2 Inches and Smaller: 18 gage galvanized steel shield over insulation in 180 degree segments, minimum 12 inches (300 mm) long at pipe support.

2.02 HANGER RODS

- A. Steel Hanger Rods: Threaded both ends, threaded one end, or continuous threaded.

2.03 INSERTS

- A. Inserts: Malleable iron case of [galvanized] steel shell and expander plug for threaded connection with lateral adjustment, top slot for reinforcing rods, lugs for attaching to forms; size inserts to suit threaded hanger rods.

2.04 FINISH

- A. Prime coat exposed steel hangers and supports. Hangers and supports located in crawl spaces, pipe shafts, and suspended ceiling spaces are not considered exposed.

2.05 MANUFACTURERS

- A. Products of the following manufacturers shall be acceptable:

- ITT Grinnell Corporation, Providence, Rhode Island
- F & S Central, Brooklyn, New York
- Fee & Mason Manufacturing Company, Division of A-T-O Inc., Manasquan, New Jersey
- B-Line
-

PART 3 EXECUTION

3.01 GENERAL

- A. The requirements for anchoring and suspension of piping under the PLUMBING WORK shall also apply to HVAC piping. This trade provides all steel for anchoring and suspension not shown on the structural drawings.
- B. Hangers shall be installed to support the piping from the building structure to maintain the required grade and pitch of the pipe lines, prevent vibration, secure the piping in place and provide for expansion and constriction. Hangers shall be secured to inserts wherever practical. Hangers and supports for equipment shall be installed using approved bolts and inserts; wood plugs shall not be used.
- C. All hangers, including clevis hanger, rods, inserts, clamps, stanchions and brackets shall be dipped in zinc chromate primer before installation. It is required that a layer of primer exists between the hanger and the pipe.

3.02 HANGER AND SUPPORT INSTALLATION

- A. All pipe supports shall be arranged so as to prevent excessive deflection and stresses between supports.
- B. Anchor points shall be located and constructed to permit the piping system to take up its expansion and contraction freely in opposite directions away from the anchored points. Guide points for expansion joints or loops shall be located and constructed wherever required or shown on drawings and at each side of an expansion joint or loops, to permit only free axial movement in piping systems.
- C. Where concentrated loads exist, provide supports on each side of the load at a maximum distance of three (3) diameters from the load.
- D. For copper tubing, supports shall follow schedule and specifications. Support shall be especially designed for copper tubing, and shall be copper plated.
- E. Use roller type supports for pipes subject to axial movement. Roller type supports shall be so braced that movement occurs in the rollers without deflection in the support rods.
- F. On all insulated piping, provide saddles welded to pipe at hangers for insulated piping, to match insulation profile.
- G. On all insulated piping, the hanger shall be outside the covering. On all other piping the hanger shall be on the pipe surface. Where the hanger is outside the covering, a metal shield shall be installed to protect the covering. Install hangers to provide minimum 1/2 inch space between finished covering and adjacent work.

3.03 INSERTS

- A. Provide inserts for placement in concrete formwork.

- B. Provide inserts for suspending hangers from reinforced concrete slabs and sides of reinforced concrete beams.
- C. Provide hooked rod to concrete reinforcement section for inserts carrying pipe over 4 inches.
- D. Where concrete slabs form finished ceiling, provide inserts to be flush with slab surface.
- E. Where inserts are omitted, drill through concrete slab from below and provide thru-bolt with square steel plate and nut flush with top of slab.

3.04 PIPE HANGERS AND SUPPORTS

- A. Place a hanger within 12 inches of each horizontal elbow.
- B. Use hangers with 1-1/2 inch minimum vertical adjustment.
- C. Support vertical piping at every floor. Support vertical cast iron pipe at each floor at hub. Support riser piping independently of connected horizontal piping.
- D. Where several pipes can be installed in parallel and at same elevation, provide multiple or trapeze hangers.
- E. Pipe run below structural steel may be supported by means of I-beams or channel clamps of Carpenter & Patterson Fig. 2 or Fig. 15 with Fig. 33 I-rod fastened directly to the steel.
- F. Pipes along walls or concrete piers shall be supported by means of hot bent L-shaped brackets or malleable cantilever brackets secured to the masonry walls or piers by means of all metal expansion shields and bolts.
- G. Groups of horizontal pipes running at the same elevation may be supported by means of vertical hangers and horizontal angels or channel from which the pipes shall rest of such hangers to be approved by the Owner. No wood or fiber plugs will be permitted on any part of the work in lieu of metal expansion shields, nor will any inserts placed in the side of beams be acceptable. Vertical piping in shafts or chases shall be supported by means of flat iron pipe clamps of Grinnell Fig. 261 resting on the construction.
- H. SUPPORT RODS
 - 1. Minimum size of hanger support rods shall be:
 - 3/8" diameter supporting pipes 2" and smaller
 - 1/2" diameter supporting pipes 2-1/2" to 3-1/2"
 - 5/8" diameter supporting pipes 4" to 6"
 - 3/4" diameter supporting tee bar or angle iron
 - 7/8" diameter supporting pipes 8" and above
 - 3/8" diameter supporting PVC (All Sizes)
 - 2. Providing concentrated loads do not exist between supports maximum spacing between

pipe supports shall be:

- 1/2" diameter	5' 0" maximum span
- 3/4" diameter	6' 0" maximum span
- 1" diameter	7' 0" maximum span
- 1 - 1-1/2" diameter	9' 0" maximum span
- 2" diameter	10' 0" maximum span
- 2 1/2" diameter	11' 0" maximum span
- 3" diameter	12' 0" maximum span
- 4" diameter	14' 0" maximum span
- 5" diameter	16' 0" maximum span
- 6" diameter	16' 0" maximum span
- 8" diameter	16' 0" maximum span

C.I. Bell and Spigot or No-Hub - 5' 0" maximum span, and at joints

3.05 EQUIPMENT BASES AND SUPPORTS

- A. Provide templates, anchor bolts, and accessories for mounting and anchoring equipment.

3.06 FIELD QUALITY CONTROL

- A. Registered Engineer Report: Prepare hanger and support installation report. Include seal/signature of Registered Engineer, licensed in jurisdiction where the Project is located, certifying compliance with specifications.

END OF SECTION

PART 1 - GENERAL

1.1_ RELATED DOCUMENTS

- A. Drawings and applicable provisions of the Contract, including General and Supplementary Conditions, Division 1 - General Requirements, and the General Provisions, Section 15000 govern the work of this Division.
- B. Requirements given herein may be affected by other related requirements of the project specification. Correlation of the contract requirements is the responsibility of the Contractor.

1.2 REFERENCES

- A. Perform work in accordance with the requirements of Section 15000, General Provisions, and all applicable codes and laws.

1.3 SUBMITTALS

- A. Submit product data on materials and accessories including installation instructions.
 - 1. Insulating materials and jackets.
 - 2. Insulating cements, mastics and adhesives.
 - 3. Pipe Shields.
 - 4. Schedule of insulation (system, material, thickness, cover, method of installation).
- B. All insulating materials shall comply with the following ratings:
 - 1. Flame Spread -25
 - 2. Smoke Developed -50
 - 3. Fuel Contributed -50

1.04 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Firms regularly engaged in manufacture of insulation and accessories of types and sizes required, whose products have been in satisfactory use in similar service for not less than 5 years and are manufactured in the United States.
- B. Conform to applicable performance standards, listings or approvals of the following organizations:
 - 1. National Fire Protection Association (NFPA)
 - 2. Underwriters Laboratories (UL)

1.05 SCOPE

- A. Install thermal insulation on all piping, fittings, valves, and other items subject to heat loss, heat gain, or moisture condensation.

PART 2 - PRODUCTS

2.1 PIPING INSULATION - ABOVE GRADE

- A. Type 1: Preformed segmental fiberglass insulation, ANSI/ASTM C547, 3.5 lb./cu. ft. density, 0.24

K factor at 75°F, 0°F to 400°F temperature range. Factory-applied ASJ jacket with self-seal lap.

- B. Type 2: Cellular foam insulation, ANSI/ASTM C518, 0.28 K factor at 75°F, 0°F to 400°F temperature range. Finish: Armaflex brush-on waterproof finish, minimum 2 coats.
- B. Manufacturers:
 - Schuller - Micro-Lok
 - Owens-Corning - Fiberglas ASJ/SSL II
 - Certainteed - 500° Snap-on fiberglass
 - Manville - ZESTON PVC Jacket
 - Armstrong - Armaflex AP 2000

2.2 DUCTWORK INSULATION

- A. Type 3: Fiberglass Ductwrap blanket type insulation, ANSI/ASTM C612, commercial grade, 1 pound density, .29 K factor at 75°F mean temperature. Finish: Factory applied reinforced aluminum foil FSK finish bonded to flame resistant Kraft paper. Finish for exposed ductwork: Class 1 vinyl facing.
- B. Type 2: Cellular foam insulation, ANSI/ASTM C518, 0.28 K factor at 75°F, 0°F to 400°F temperature range. Finish: Armaflex brush-on waterproof finish, minimum 2 coats.
- C. Manufacturers:
 - Owens-Corning - Type 75
 - Knauf - Type FSK
 - Schuller - MICROLITE R
 - Certainteed - DUCT WRAP
 - Armstrong - Armaflex AP 2000

PART 3 - EXECUTION

3.1 GENERAL

- A. All insulating materials shall be applied only by experienced workmen, and shall be installed in strict accordance with manufacturer's installation instructions.
- B. Prior to installation of insulation, clean and dry the exterior surfaces of all pipes, fittings, ducts, duct accessories and valves; remove all foreign materials, such as rust, scale, dirt, oil, etc. Insulation materials shall be kept clean and dry before, during and after installation, and during the application of any finish.
- C. Insulation shall be continuous through wall and ceiling openings and sleeves except where service conditions prohibit or as indicated otherwise. At all such openings where insulation is not continuous, insulate edges neatly and protect with sheet metal frames.
- D. All joints, penetrations, washers, cuts or tears of vapor barrier shall be sealed by manufacturer approved means such as pressure-sensitive tape, grouting compound, fire stop caulking, etc.

- E. Where existing insulation is damaged by requirements of the work, replace all damaged insulation to match existing.

3.2 PIPING

- A. Do not insulate piping until piping has been tested and approved for tightness. Pressure tests on piping systems shall be completed and accepted prior to installation of insulation.
- B. Oversized pipe hangers are to be furnished on all piping so insulation can be applied continuous along the pipe, passing inside the hanger and also through wall sleeves. Galvanized metal shields shall be applied between hangers or supports and the pipe insulation. Shields shall be roll formed to fit the insulation and shall extend up to the center line of the pipe and the length specified for the insert.
- C. Provide an insert, not less than 6" long, of the same thickness and contour as the adjoining insulation, between the support shield and piping, but under the finish jacket, on piping 2" or larger in diameter, to prevent the insulation from sagging at support points. The inserts shall be suitable for the intended temperature range.
- D. Pipe insulation shall be continuous through walls, floors, ceiling openings, hangers, supports and sleeves. Ends of insulation shall be vapor sealed.
- D. All piping shall be at ambient temperature during installation of the insulation.
- E. All piping subject to sweating, such as domestic cold water, storm drainage and pan condensate drain piping: insulate all fittings, valves, flanges, and equipment casings.
- F. Piping insulation shall be finished as follows:
 - 1. All insulation segments shall be furnished with a pre-applied ASJ cover unless otherwise specified.
 - 2. Piping less than 1,000° may be fitted with Zeston pre-molded plastic fittings using a double thickness of Hi-Lo temp fiberglass inserts.
 - 3. In ceiling plenum return spaces, omit PVC pipe fitting covers. Provide fiberglass cloth covering with two (2) coats of mastic finish.

3.3 DUCTWORK

- A. Do not insulate ductwork until all equipment, ductwork and hanger systems have been completed and accepted. The only exception to this provision is in those areas where space limitations make it necessary to install the insulation together with the ductwork.
- A. Ductwork insulation shall be installed so as to completely enclose all heat transfer surfaces. The location of all access port, actuation points, inspection hatches, and pressure test points shall be clearly marked on the exterior of the insulation. Those removable ports and hatches having a minimum dimension of six inches (6") shall have insulation cut to the exact size of the opening and secured directly to the removable section.
- B. Duct insulation should be continuous through walls, floors, and ceiling openings, except at fire

dampers in duct systems. Where ducts pass through walls, floors, or partitions, the opening in the construction around the duct should not exceed 1/2 inch average clearance on all sides and should be fire-stopped by packing with non-combustible material to prevent passage of flame and smoke.

- C. All insulation and access doors shall be set in sheet metal double-pan construction.
- D. All insulation on ducts over 18" wide shall be fastened to the duct with pins and washers fastened to ducts on 18" centers. Seal vapor barrier penetrations.
- E. Indoor Ductwork: Type 2 or 3 Insulation.
 - 1. Minimize compression of the fiber glass to assure maximum thermal performance. Longitudinal seam of the vapor barrier must be overlapped.
 - 2. Install without sag on underside of ductwork. Use adhesive or mechanical fasteners where necessary.
 - 3. All joints and seams must be sealed to prevent air leakage from the duct. All seams should be finished with appropriate pressure sensitive tape or glass fabric and mastic. Pressure sensitive tapes should be a minimum 3" wide and be applied with moving pressure using an appropriate sealing tool.
 - 4. Closure systems should have 25/50 F.H.C. per UL 723.

3.5 INSULATION THICKNESS SCHEDULES

A. HOT AND COLD WATER PIPING

Pipe Size	Pipe Temperature Range			
	30 to 100 deg.F	100 to 299 deg.F	300 to 399 deg.F	400 deg.F and up
1/2" to 1"	1"	1"	1-1/2"	2-1/2"
1-1/4" to 2"	1"	1-1/2"	2"	3"
2-1/2" to 4"	1-1/2"	1-1/2"	3"	4"
4" and up	1-1/2"	2"	4"	5"

- B. Plumbing Vent Piping
All sizes, Type 2 insulation, 1" thickness

3.6 DUCTWORK

- A. Supply Air ducts - 1-1/2 in. thickness
- Outside Air ducts - 1-1/2 in. thickness
- Return air ducts - 1-1/2 in. thickness
- Exhaust air ducts - 1-1/2 in. within 10 feet of exterior wall or roof penetrations.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the General and Supplementary Conditions and other Division 1 Specification sections, apply to the work of this section.
- B. Related specification sections:
 - 1. Section 07510 – Modified Bitumen Roofing

1.02 GENERAL

- A. This specification section governs the general requirements, including the quality and type of materials, required for the installation of all roof drains. Existing roof drains are to be removed and replaced with new roof drains in the existing locations

1.03 SUBMITTALS

- A. Submit for approval shop drawings, samples, and product data.

1.04 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers that have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Connections to existing or new drainage piping to be executed by licensed, professional plumber.

1.05 PROTECTION

- A. All finished work shall be adequately protected against damage from any source.

PART 2 – PRODUCTS

2.01 MATERIALS

- A. Provide Zurn Froet 100C-LP-DP-ER1.5 14 inch bi-functional deep sum dual outlet roof drain with 45 primary outlet connection. Powder coated cast iron body with combination membrane flashing clamp/gravel guard, 1.5 inch elevation ring, top-set deck plate, overflow pipe with low profile cast iron dome and 4 inch cast iron overflow by Zurn Industries, Inc., Hydromechanics Division, Erie, PA. or approved equal. Approval of all substitutions is at the sole discretion of the Architect.
- B. Downspout cover: Zurn Z199-DC or approved equal. Approval of all substitutions is at the sole discretion of the Architect.
- C. Metal Flashing:
 - 1. ASTM B29-79 (1984), four lb. sheet lead.
 - 2. Soft copper drain flashing sheet.

PART 3 – EXECUTION

3.01 INSTALLATION

- A. Locate and install drain body in locations as shown on drawings.
- B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- C. Install tapered edge strip around drain to create approximate 24 x 24 inch sump. Miter corners.
- D. Install two plies flashing ply embedded in alternate course of hot melt adhesive over primed lead. Stripping plies shall extend two and four inches beyond edge of lead.
- E. Apply 1/16-inch uniformly thick layer of asphalt mastic to surface receiving lead flashing.
- F. Set single piece lead flashing in mastic centered over drain. Extend lead six inches beyond drain rim. Neatly dress lead with wood block.
- G. Clamp flashing collar to drain in bed of mastic.
- H. Neatly cut lead/felts within drain at rim.
- I. Prime lead with asphalt primer.
- J. Install roofing system into sump and onto drain rim.
- K. Seal/plug drain to prevent water entry until service connection is completed.
- L. Locate new piping to include as few bends as possible. Do not over load any existing pipe or drain. Ensure balanced disposal of all rainwater. Make adequate provisions for thermal movement of all piping.
- M. Provide cleanouts at elbows under each drain, and at tops and bottoms of each vertical run. Snake existing piping for a distance of 50 feet from each roof drain. Videotape pipe interior to verify pipe is cleared.
- N. Provide access panels at cleanout locations. Repair all damage to interior of building related to installation of roof drains and piping.
- O. Where new work joins old, provide all necessary materials, repairs, changes, and associated work as needed for proper connections.
- P. Make all connections watertight.
- Q. Remove seal/plug.
- R. Restore damaged components and finishes. Clean and protect work from damage.
- S. Use insulation on all pipes and fittings from drains to existing down pipes. Ensure full continuity of insulation over pipes, fittings, and connections. Provide concealed saddles at all hangers.

END OF SECTION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and applicable provisions of the Contract, including General and Supplementary Conditions, Division 1 - General Requirements, and the General Provisions, Section 15000 govern the work of this Division.
- B. Requirements given herein may be affected by other related requirements of the project specification. Correlation of the contract requirements is the responsibility of the Contractor.

1.02 REFERENCES

- A. Perform work in accordance with the requirements of Section 15000, General Provisions, and all applicable codes and laws.

1.03 SUBMITTALS

- A. Shop Drawings - Submit product data on pipe materials, pipe fittings, valves, pressure regulators, and all required accessories.
 - 1. Include component sizes, rough-in requirements, service sizes, and finishes. Include product description, model numbers and dimensions.
 - 2. Submit operation and maintenance data.
 - 3. Include installation instruction and replacement parts list.

1.04 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Firms regularly engaged in manufacture of pipes and pipe fittings of types and sizes required, whose products have been in satisfactory use in similar service for not less than 5 years and are manufactured in the United States.

1.05 WORK INCLUDED

- A. Furnish and install all necessary pipe, pipe fittings, valves, devices and all accessories required for the systems indicated so that they may operate with the intended efficiency and to be substantially as shown on the Drawings and as herein specified:
- B. The Contractor will be held responsible for the accurate layout of his work, determination of all openings, checking of structural details for interferences prior to installation of his work and in coordination with other trades.
- C. Provide storm water drain services. Before commencing work, check invert elevations required for storm water connections, confirm inverts and ensure that these can be properly connected with slope for drainage and cover to avoid freezing.
- D. Provide seismic restraints and hangers per code.

- F. All piping shall be securely supported from structure by means of hangers and supports. (See Section 15140).

1.06 Abbreviations used are as follows:

ANSI- American National Standards Institute
ASTM- American Society for Testing and Materials
FS- Federal Specifications by Federal Specifications Board
IAPMO- International Association of Plumbing and Mechanical Officials

PART 2 PRODUCTS

2.01 STORM WATER PIPING

- A. BELOW SLAB
1. Cast Iron Pipe: ASTM A74 service weight. Fittings: Cast iron. Joints: Hub-and-spigot, CIS-PI HSN compression type with ASTM C564 neoprene gaskets.
 2. Cast Iron Pipe: CISPI 301, hubless, service weight. Fittings: Cast iron. Joints: Neoprene gaskets and stainless steel clamp-and-shield assemblies.
- B. ABOVE SLAB
1. Cast Iron Pipe: ASTM A74 service weight. Fittings: Cast iron. Joints: Hub-and-spigot, CIS-PI HSN compression type with ASTM C564 neoprene gaskets or
 2. Plastic Pipe: ASTM D 2665/2729, Polyvinyl Chloride (PVC), Schedule 40. Fittings: PVC. Joints: ASTM D 2464/2665/2855, solvent weld.

2.02 PIPE SPECIALTIES

A. GASKETS

1. For Cast-iron or malleable iron flanged joints. Gaskets shall be 125 lb. rubber ring type conforming to Federal Specification HH-G-156.
2. For brass flanged joints. Gasket shall be 150 lb. rubber full faced type conforming to Federal Specification HH-G-156.
3. For fixture outlets to floor flanges. Gaskets shall be sponge rubber or wax conforming to Federal Specification HH-G-536(a) Type 2.
4. For cast-iron soil pipe fittings. Gaskets shall conform to American Society Testing Material C564.

B. JOINT COMPOUND

1. Threaded and flanged jointing compound shall be made up of pipe cement and oil, or graphite and oil.
2. Fixture setting compound shall be of a type that will not soften sufficiently to destroy the effect of the joint at 71.1C (160F) nor be soluble in any of the wastes normally carried by the drainage system and shall conform to Federal Specification SS-C-608.

C. PACKING

1. Packing for hub and spigot joints shall be twisted jute conforming to Federal Specification HH-P-117, or hemp conforming to Federal Specification HH-P-106.

D. NIPPLES

1. Nipples shall be the same material as the pipe or tubing with which they are installed and shall conform to Federal Specification WW-N-351. When unthreaded section is less than 1", the nipple shall be extra strong. Close or running thread type nipples in ferrous piping shall not be used.

2.03 SLEEVES AND ESCUTCHEONS

A. PIPE SLEEVES

1. Pipe sleeves through floors, masonry partitions, frame partitions or foundation walls shall be equal to or exceeding the quality of "Link Seal Century Line" Model "CS-100" high impact thermoplastic sleeves as manufactured by "Thunderline Corp." of Wayne, Michigan.
2. The length of pipe sleeves, through partitions, foundation walls and floors, shall be equal to the depth of the particular wall, partition or floor construction.

B. SLEEVE SEALS AND PACKING PENETRATIONS

1. The annular space between the pipe and the sleeve shall be sealed water-tight using a modular mechanical type of seal. The seal shall consist of interlocking synthetic rubber links assembled with bolts and pressure plates to form a continuous rubber belt. The mechanical seal shall be equal to or exceeding the quality of "link-seal" as manufactured by "Thunderline Corp." For penetration of firewall, use "Pyro-Pac" seals, or equal, as manufactured by "Link-Seal".
2. In lieu of mechanical seals, where piping passes through fire rated walls or floors, with or without a sleeve, the space around the pipe(s) shall be packed with a fire-retardant, non-toxic, non-shrinking or hardening, U.L. classified putty equal to or exceeding the quality of "Flameseal" as manufactured by "Nelson Electric" of Tulsa, Oklahoma.

C. ESCUTCHEONS

1. Escutcheons shall be provided on all exposed pipes passing through walls, floors, partitions and ceilings. Provide close fitting escutcheons on both sides of piping, whether exposed or not, passing through rated fire walls, floors, partitions and ceiling.
2. Escutcheons shall be held in place by internal spring tension or set screws.
3. Escutcheons in finished spaces shall be anodized aluminum or chrome plated brass.

PART 3 EXECUTION

3.01 INSTALLATION

A. PREPARATION

1. Ream pipe and tube ends and remove burrs; bevel plain end ferrous pipe. Remove scale and dirt, on inside and outside of pipe, before assembly. Prepare piping connections to equipment with flanges or unions. Keep inside of all pipes, fittings and valves clean and free from dirt and debris.
2. Examine the areas and conditions under which work of this Section will be installed. Correct conditions detrimental to the proper and timely completion of the work. Do not proceed until unsatisfactory conditions have been corrected.
3. Lay out the plumbing system in careful coordination with the Drawings, determining proper elevations for all components of the system and using only the minimum number of bends to produce a satisfactory functioning system. Follow the general layout shown on the Drawings in all cases except where other work may interfere. Lay out all pipes to fall within partition, walls, or roof cavities, and do not require furring other than as shown on the Drawings.

B. EXECUTION

1. The run and arrangement of all piping shall be as shown on the Drawings and as directed during installation, and shall be as straight and direct as possible, forming right angles or parallel lines with building walls and other pipes, and shall be neatly spaced. Offsets shall be permitted only where required to permit the pipes to follow walls in which case standard fittings shall be used. All risers shall be erected plumb and true, and shall be parallel with walls and other pipes, and shall be neatly spaced. Group piping whenever practical at common elevations.
2. Piping shall run concealed in all finished areas. Piping shall be installed in furred spaces, in chases or above ceiling spaces in all finished areas. Contractor shall obtain prior permission of the Architect to run exposed pipes not specifically shown on the Drawings as being exposed.
3. All piping shall be pitched for complete drainage of the system; all low points shall be valved to allow drainage.
4. Install piping to allow for expansion and contraction without stressing pipe, joints, or connected equipment.
5. Provide clearance for installation of insulation and access to valves and fittings. Provide access doors where valves and fittings are not exposed. Coordinate location of access doors with the General Contractor. Access door size shall be sufficient to allow easy access and operation of all concealed valves and fittings.
6. All piping (including roof drain bowls) subject to heat loss, heat gain, and condensation shall be insulated. Refer to Section 15250 for insulation specifications.
7. Piping penetrations of floor slabs and smoke barriers shall be sealed with fire-proofing putty, "Nelson: Flame-Seal, or equal. Piping passing through fire-rated walls be provided

- with sleeve/seal assembly listed by U.L. for the fire rating required. (See Section 15000.)
8. Use grooved mechanical couplings and fasteners only in accessible locations.
 9. Screwed fittings shall be made tight with graphite and oil compound or other approved material applied to the male threads only.
 10. Isolate all dissimilar metals with isolators equal to or exceeding the quality of "EPCO" dielectric unions.
 11. Provide flexible piping connections at each rooftop unit or gas-burning appliance. Connectors shall match existing.

3.02 TESTING

A. STORM

1. The systems shall be tested and proved tight to the satisfaction of the Architect/Engineer, before connections are made to the site storm drainage systems, or before trenches are backfilled.
2. All openings in the portion of the system to be tested shall be sealed; test in accordance with Connecticut Building Code.

END OF SECTION

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Electrical work is required to provide power to existing equipment being raised. Coordinate work with other trades, as applicable.

1.03 QUALITY ASSURANCE

- A. Regulations: Work, materials and equipment shall comply with the latest rules and regulations specified in National Fire Protection Association (NFPA).
- B. Contractor Qualifications: An acceptable Contractor for the Work under this Division must have personnel with experience, training and skill to provide a practical working system.

PART 2 - PRODUCTS

2.01 GENERAL

- A. All materials shall meet or exceed all applicable referenced standards, federal, state and local requirements, and conform to codes and ordinances of authorities having jurisdiction.
- B. NEC and UL: Products shall conform to requirements of the National Electrical Code. Where Underwriters' Laboratories have set standards, listed products and issued labels, products used shall be listed and labeled by UL.

PART 3 - EXECUTION

3.01 DEMOLITION

- A. Unless otherwise noted, remove all electrical materials and equipment from areas indicated for demolition. Removal of equipment shall not interfere with existing operations.
- B. Remove conduit and wire back to panelboards or to nearest junction box that is not being removed and needs to remain in service. Wire shall be removed back to point of origin. Turn off circuit breakers or switches serving abandoned circuits and tag breaker or switch and label in panel schedule as "Spare".
- C. Electrical materials, services and controls to items being removed shall be disconnected and removed from the Project Site.

3.02 INSTALLATION

- A. Installation shall meet or exceed all applicable federal, state and local requirements, referenced standards and conform to codes and ordinances of authorities having jurisdiction.

- B. Cooperation with Other Trades: Cooperate with trades of adjacent, related or affected materials or operations, and with trades performing continuations of this Work in order to effect timely and accurate placing of Work and to coordinate, in proper and correct sequence, the Work of such trades.
- C. Workmanship: Work shall be performed by competent workers skilled in their trade. This installation must be complete.
- D. Provide final electrical connections to existing equipment.
 - 1. Roughing-in: When roughing-in electrical branch circuits to various items of equipment, terminate at proper points.

3.03 TESTING

- A. Perform an operating test of each completed system for as long as necessary to provide coordination and proper functioning of all related systems and controls. Should the equipment fail to meet the Contract requirements, the Contractor shall repair or replace all defective or inoperative parts and again conduct performance tests.

END OF SECTION

Type GS & GSS Roof Hatch and Skylight



Type GS, 36" x 30" (914mm x 762mm), and Type GSS (Special Size) roof hatches provide all the security and convenience of a BILCO roof hatch with the added benefits of a skylight. Products feature a polycarbonate dome cover, aluminum construction, and easy one-hand operation. Type GSS and type GS roof hatch products are available in all standard roof hatch sizes and custom sizes can be supplied when specified.

[Description](#) [Sales Contact](#) [Documents](#)

Roof Hatch Models

Type GS-50, GSS-50 (special size)

Standard Features and Benefits

- Engineered with compression spring operators to provide smooth, easy, one-hand operation, regardless of size
- Automatic hold-open arm locks the cover in the open position to ensure safe egress
- Overlapping cover design, full welded corners on cover and curb, EPDM rubber gasket, and fully insulated cover and curb ensure weathertightness and energy efficiency
- Covers are designed with a perimeter channel and weep holes to catch and drain normal condensation. Double domes are available for added cover insulation.*
- Constructed with corrosion resistant materials to provide many years of trouble free, dependable service
- Heavy gauge construction and positive latching mechanism maintain building security
- Curb features the Bil-Clip® flashing system, an innovative method to quickly and easily secure single-ply roofing material to BILCO roof products
- Type GS roof hatch and type GSS roof hatch are available in many sizes and curb configurations to satisfy any requirement or installation

*Please consult BILCO for residential applications or for installation on buildings with severe differences in indoor and outdoor temperatures.

Guide Specifications

- Material: Cover and frame are 11 gauge (2.3 mm) aluminum.
- Cover: Aluminum extrusion with built-in condensation drainage channel and clear polycarbonate dome or double domes. Dome(s) is coated for UV-resistance.
- Curb: 12" (305 mm) in height with integral capflashing, 1" (25 mm) fiberboard insulation, fully welded at corners, and 3-1/2" (89 mm) mounting flange with 7/16" holes (11 mm) provided for securing frame to the roof deck.
- Gasket: Extruded EPDM rubber gasket permanently adhered to cover.
- Hinges: Heavy-duty pintle hinges with 3/8" (9 mm) Type 316 stainless steel hinge pins.
- Latch: Slam latch with interior and exterior turn handles and padlock hasps.
- Lift Assistance: Compression spring operators enclosed in telescopic tubes. Automatic hold-open arm with grip handle release.
- Finish: Mill finish aluminum.
- Hardware: Type 316 Stainless steel hinges. All other hardware is zinc plated/chromate sealed.

U.S. Patents 5,960,596 6,347,818





CA Prop 65 Notice



WARNING : The State of California has deemed that this product can cause cancer, birth defects or other harmful effects. For more information, please visit [For more information, Please visit: www.p65warnings.ca.gov/](http://www.p65warnings.ca.gov/)

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BID SECURITY	VENDOR	ELECTRONIC SUBMISSION (ATTACHED)	HARD COPY SUBMISSION	AMOUNT	ALT-1: Provide BILCO or equal 48"X48" (V.I.F.) GSS Roof Hatch/Skylight with safety rail, grab bar & ST L. Ladder to level below attached to block/patch & re-finish G.W.B.	ALT-2: A minimum thirty (30) year manufacturer's warranty	ALT-3: Provide new painted aluminum coping with front and backside continuous cleats to fit over existing precast coping. Provide 2x10 preservative treated nailer on top of existing coping.	TOTAL
Yes	Silktown Roofing, Inc	Yes	Yes	\$ 318,000.00	\$ 8,000.00	\$ 21,000.00	\$ 19,000.00	\$ 366,000.00
Yes	Gold Seal Roofing, LLC	Yes	Yes	\$ 276,500.00	\$ 7,500.00	\$ 12,000.00	\$ 17,000.00	\$ 313,000.00
Yes	Barrett, Inc	Yes	Yes	\$ 494,500.00	\$ 14,400.00	\$ 14,800.00	\$ 45,400.00	\$ 569,100.00
Yes	Greenwood Industries, Inc	Yes	Yes	\$ 346,000.00	\$ 7,500.00	\$ 15,000.00	\$ 19,000.00	\$ 387,500.00

FORD EXHIBIT B PRICE SCHEDULE

Year	Fuel Type	Class	Mfg	Model	Code	Trim/Configuration	Year 2021 Price	Year 2022 Price	Year 2023 Price	Percentage Off Aftermarket Options	Percentage Off MSRP Options	Contractors	Hourly Labor Rates
F-150													
2023	Gasoline	Pick up	Ford	F-150	F1C	F150 4X2 R/C		\$22,547.00	\$ 28,719.00	20%	6%	Gengras Ford, Inc. Tasca Ford	Gengras Ford, Inc. \$130.00
2023	Gasoline	Pick up	Ford	F-150	F1E	F150 4X4 R/C		\$26,253.00	\$ 33,416.00	20%	6%	Gengras Ford, Inc. Tasca Ford	Tasca Ford \$95.00
2023	Gasoline	Pick up	Ford	F-150	W1C	F150 4X2 CREW		\$26,930.00	\$ 35,161.00	20%	6%	Gengras Ford, Inc. Tasca Ford	MHQ, Inc. \$95.00
2023	Gasoline	Pick up	Ford	F-150	W1E	F150 4X4 CREW		\$29,456.00	\$ 38,804.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
2023	Gasoline	Pick up	Ford	F-150	W1P	F150 POL RESP		\$33,157.00	\$ 43,144.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
2023	Gasoline	Pick up	Ford	F-150	X1C	F150 4X2 S/C		\$24,299.00	\$ 32,995.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
2023	Gasoline	Pick up	Ford	F-150	X1E	F150 4X4 S/C		\$25,607.00	\$ 36,564.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
2023	Electric	Truck	Ford	F-150 Lightning	W1E	Pro		35,562.00	\$ 41,415.00	20%	6%	Gengras Ford, Inc. Tasca Ford MHQ, Inc.	
2023	Electric	Truck	Ford	F-150 Lightning	W1E	XL		48,204.00	\$ 53,571.00	20%	6%	Gengras Ford, Inc. Tasca Ford MHQ, Inc.	
2023	Electric	Truck	Ford	F-150 Lightning	W1E	Lariat		62,305.00	\$ 68,159.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
2023	Electric	Truck	Ford	F-150 Lightning	W1E	Platinum		83,803.00	\$ 87,760.00	20%	6%	Gengras Ford, Inc. Tasca Ford	
F-250													
2022	Gasoline	Pick up	Ford	F-250	F2A	Reg Cab 4x2		\$23,478.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-250	F2B	Reg cab 4x4		\$25,926.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-250	X2A	Super Cab 4x2		\$24,954.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-250	X2B	Super Cab 4x4		\$27,402.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-250	W2A	Crew Cab 4x2		\$26,046.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-250	W2B	Crew Cab 4x4		\$28,494.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
F-350													
2022	Gasoline	Pick up	Ford	F-350	F3A	Reg Cab 4x2		\$25,217.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	F3B	Reg Cab 4x4		\$27,646.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	X3A	Super Cab 4x2		\$27,269.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	X3B	Super Cab 4x4		\$29,816.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	W3A	Crew Cab 4x2		\$28,397.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	W3B	Crew Cab 4x4		\$30,846.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	F3C	DRW Reg Cab 4x2		\$26,529.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	F3D	DRW Reg Cab 4x4		\$29,040.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	W3C	DRW Crew Cab 4x2		\$29,857.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	W3D	DRW Crew Cab 4x4		\$32,272.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	X3C	DRW Super Cab 4x2		\$28,884.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick up	Ford	F-350	X3D	DRW Super Cab 4x4		\$31,232.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	F3E	SRW Regular CC 4x2		\$25,488.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	F3F	SRW Regular CC 4x4		\$28,549.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	X3E	SRW Super Cab CC 4x2		\$27,508.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	X3F	SRW Super Cab CC 4x4		\$30,576.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	W3E	SRW Crew Cab CC 4x2		\$28,177.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	W3F	SRW Crew Cab CC 4x4		\$31,228.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	F3G	DRW Regular CC 4x2		\$26,477.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	F3H	DRW Regular CC 4x4		\$29,417.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	X3G	DRW Super Cab CC 4x2		\$28,592.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	X3H	DRW Super Cab CC 4x4		\$31,716.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	W3G	DRW Crew Cab CC 4x2		\$29,224.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-350	W3H	DRW Crew Cab CC 4x4		\$32,286.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
F-450													
2022	Gasoline	Chassis Cab	Ford	F-450	F4G	Reg Cab 4x2		\$31,276.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-450	F4H	Reg Cab 4x4		\$33,812.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-450	X4G	Super Cab 4x2		\$33,360.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-450	X4H	Super Cab 4x4		\$36,481.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-450	W4G	Crew Cab 4x2		\$34,087.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-450	W4H	Crew Cab 4x4		\$37,137.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick Up	Ford	F-450	F4C	Reg Cab 4x2 - Pick up		\$40,820.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Pick Up	Ford	F-450	F4D	Reg Cab 4x4 - Pick up		\$44,772.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Diesel	Pick Up	Ford	F-450	W4C	Crew Cab 4x2 - Pick up		\$45,785.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Diesel	Pick Up	Ford	F-450	W4D	Crew Cab 4x4 - Pick up		\$48,222.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
F-550													
2022	Gasoline	Chassis Cab	Ford	F-550	F5G	Reg Cab 4x2		\$32,221.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-550	F5H	Reg Cab 4x4		\$34,780.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-550	X5G	Super Cab 4x2		\$34,315.00		20%	6%	Gengras Ford, Inc. Tasca Ford	
2022	Gasoline	Chassis Cab	Ford	F-550	X5H	Super Cab 4x4		\$37,367.00		20%	6%	Gengras Ford, Inc. Tasca Ford	

N/A= Not Available

2022	Gasoline	Chassis Cab	Ford	F-550	W5G	Crew Cab 4x2		\$35,217.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Chassis Cab	Ford	F-550	W5H	Crew Cab 4x4		\$38,254.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Chassis	Ford	F-550	F5K	Stripped chassis		\$26,563.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Chassis	Ford	F-550	F5D	Motorhome Chassis		\$26,576.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
F-650													
2023	Gasoline	Truck	Ford	F650 SD Gas Pro Loader	F6B	Medium-duty			\$ 45,412.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Diesel	Truck	Ford	F650 SD Diesel Pro Loader	F6E	Medium-duty			\$ 52,888.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Truck	Ford	F650 SD Gas Straight Frame	F6A	Medium-duty			\$ 45,799.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Diesel	Truck	Ford	F650 SD Diesel Straight Frame	F6D	Medium-duty			\$ 53,658.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Diesel	Truck	Ford	F650 SD Diesel Tractor	F6T	Medium-duty			\$ 59,220.00	20%	6%		Tasca Ford
F-750													
2023	Gasoline	Truck	Ford	F750 SD Gas	F7A	Medium-duty			\$ 47,409.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Diesel	Truck	Ford	F750 SD Diesel	F7D	Medium-duty			\$ 54,426.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Diesel	Truck	Ford	F750 SD Diesel	F7T	Medium-duty			\$ 59,184.00	20%	6%		Tasca Ford
Transit Connect													
2023	Gasoline	Van	Ford	Transit Connect	S65	VAN XL SWB RR DOORS		\$21,576.00	\$ 30,365.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E65	VAN XL RR LIFTGATE		\$21,535.00	\$ 30,365.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	S75	VAN XL LWB RR DOORS		\$22,475.00	\$ 31,297.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E75	VAN XL RR LIFTGATE		\$22,495.00	\$ 31,297.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	S6T	VAN XLT SWB RR DOORS		\$23,828.00	\$ 32,392.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E6T	VAN XLT SWB RR RR LIFTGATE		\$23,828.00	\$ 32,392.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	S7T	VAN XLT LWB RR DOORS		\$24,628.00	\$ 33,324.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E7T	VAN XLT LWB LIFTGATE		\$24,742.00	\$ 33,324.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	S9E	WAGON XL LWB RR DOORS		\$24,051.00	\$ 31,827.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E9E	WAGON XL LWB LIFTGATE		\$24,051.00	\$ 31,827.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	S9F	WAGON XLT LWB RR DOORS		\$25,987.00	\$ 33,800.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E9F	WAGON XLT LWB LIFTGATE		\$25,964.00	\$ 33,800.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit Connect	E9G	WAGON LWB TITANIUM		\$27,763.00	\$ 35,744.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
Transit Cargo													
2023	Gasoline	Van	Ford	Transit	R1C	MR CARGO RWD		\$29,364.00	\$ 41,117.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R1D	MR CREW RWD		\$31,468.00	\$ 43,234.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R1V	HR CREW RWD		\$34,699.00	\$ 46,419.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R1X	HR CARGO RWD		\$32,609.00	\$ 44,224.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R1Y	LR CARGO RWD		\$26,623.00	\$ 40,272.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R1Z	LR CREW RWD		\$28,293.00	\$ 42,466.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2C	MR CARGO AWD		\$33,486.00	\$ 45,405.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2D	MR CREW AWD		\$35,557.00	\$ 47,600.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2V	HR CREW AWD		\$38,822.00	\$ 50,784.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2X	HR CARGO AWD		\$36,533.00	\$ 48,586.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2Y	LR CARGO AWD		\$30,761.00	\$ 44,687.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R2Z	LR CREW AWD		\$33,074.00	\$ 46,837.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R3U	HR CARGO AWD		\$37,540.00	\$ 49,725.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R3X	HR CARGO RWD		\$33,597.00	\$ 45,359.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R5P	LR CUTAWAY RWD		\$24,079.00	\$ 35,482.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R5Z	LR CHASSIS RWD		\$24,566.00	\$ 35,994.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R7P	LR CUTAWAY AWD		\$28,208.00	\$ 39,844.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	R7Z	LR CHASSIS AWD		\$28,697.00	\$ 40,366.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S4U	HR CARGO AWD		\$41,250.00	\$ 53,455.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S4V	HR CREW RWD		\$37,687.00	\$ 49,689.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S4W	HR CREW AWD		\$43,322.00	\$ 55,273.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S4X	HR CARGO RWD		\$36,876.00	\$ 47,426.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S6P	LR CUTAWAY RWD		\$25,093.00	\$ 38,612.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S6Z	LR CHASSIS RWD		\$25,579.00	\$ 39,128.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S8P	LR CUTAWAY AWD		\$31,409.00	\$ 42,955.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	S8Z	LR CHASSIS AWD		\$31,895.00	\$ 43,462.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	U6P	LR CUTAWAY RWD		\$27,767.00	\$ 39,105.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	U6Z	LR CHASSIS RWD		\$28,250.00	\$ 39,298.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	U8P	LR CUTAWAY AWD		\$31,898.00	\$ 43,529.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	U8Z	LR CHASSIS AWD		\$32,381.00	\$ 44,032.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W1D	MR CREW RWD		\$31,609.00	\$ 44,447.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W1V	HR CREW RWD		\$35,795.00	\$ 47,611.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W1X	HR CARGO RWD		\$33,707.00	\$ 45,430.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W1Y	LR CARGO RWD		\$27,911.00	\$ 41,509.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W1Z	LR CREW RWD		\$29,999.00	\$ 43,691.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

2023	Gasoline	Van	Ford	Transit	W2C	MR CARGO AWD		\$33,150.00	\$ 46,602.00	20%	6%		Tasca Ford
2023	Gasoline	Van	Ford	Transit	W2D	MR CREW AWD		\$36,836.00	\$ 48,783.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W2V	HR CREW AWD		\$39,926.00	\$ 51,942.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W2X	HR CARGO AWD		\$37,837.00	\$ 49,761.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W2Y	LR CARGO AWD		\$33,149.00	\$ 45,841.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W2Z	LR CREW AWD		\$34,107.00	\$ 48,022.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W3U	HR CARGO AWD		\$38,908.00	\$ 50,886.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W3X	HR CARGO RWD		\$34,968.00	\$ 46,555.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W5P	LR CUTAWAY RWD		\$25,017.00	\$ 36,316.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W5Z	LR CHASSIS RWD		\$25,509.00	\$ 36,832.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W7P	LR CUTAWAY AWD		\$28,886.00	\$ 40,646.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W7Z	LR CHASSIS AWD		\$29,377.00	\$ 41,159.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	W9C	MR CARGO RWD		\$30,694.00	\$ 42,266.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E1C	MR CARGO RWD		\$28,501.00	\$ 40,155.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E1D	MR CREW RWD		\$30,655.00	\$ 42,350.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E1Y	LR CARGO RWD		\$25,880.00	\$ 39,388.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E1Z	LR CREW RWD		\$27,868.00	\$ 41,588.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E2C	MR CARGO AWD		\$32,594.00	\$ 44,522.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E2D	MR CREW AWD		\$34,707.00	\$ 46,721.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E2Y	LR CARGO AWD		\$29,901.00	\$ 43,755.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	E9Z	LR CREW AWD		\$31,985.00	\$ 45,954.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F4U	HR CARGO AWD		\$39,461.00	\$ 51,795.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F4V	HR CREW RWD		\$37,339.00	\$ 49,265.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F4W	HR CREW AWD		\$41,468.00	\$ 53,613.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F4X	HR CARGO RWD		\$35,013.00	\$ 47,075.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F6P	LR CUTAWAY RWD		\$23,735.00	\$ 36,998.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F6Z	LR CHASSIS RWD		\$25,674.00	\$ 37,519.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F8P	LR CUTAWAY AWD		\$29,214.00	\$ 41,364.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Transit	F8Z	LR CHASSIS AWD		\$29,854.00	\$ 41,881.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

Transit Pass

2022	Gasoline	Wagon	Ford	T-150	K1Y	LR PASS RWD		\$31,710.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	X2Y	LR PASS XL RWD		\$32,003.00	\$ 45,638.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Wagon	Ford	T-150	K1C	MR PASS XL RWD		\$34,848.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	X2C	MR PASS XL RWD		\$35,000.00	\$ 46,680.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	X2X	HR PASS XL RWD		\$36,272.00	\$ 48,013.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Wagon	Ford	T-150	K2Y	LR PASS XL AWD		\$36,157.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	U4X	HR PASS XL RWD		\$37,155.00	\$ 48,995.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	X9Y	LR PASS XL AWD		\$36,086.00	\$ 49,969.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Wagon	Ford	T-150	K2C	MR PASS XL AWD		\$39,148.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Wagon	Ford	T-350	W4Z	MR PASS XL RWD		NA	NA	20%	6%		
2023	Gasoline	Wagon	Ford	T-350	X9C	MR PASS XL AWD		\$39,084.00	\$ 51,010.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	Wagon	Ford	T-350	W4X	HR PASS XL RWD		NA	NA	20%	6%		
2023	Gasoline	Wagon	Ford	T-350	X9X	HR PASS XL AWD		\$40,355.00	\$ 52,344.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Wagon	Ford	T-350	U5X	HR PASS XL AWD		\$43,153.00	\$ 55,102.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

Ranger

2022	Gasoline	Truck	Ford	Ranger	R1A	RANGER 4X2 CHAS		N/A		20%	6%		
2023	Gasoline	Truck	Ford	Ranger	R1E	RANGER 4X2 S/C		\$22,348.00	\$ 24,830.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Truck	Ford	Ranger	R1F	RANGER 4X4 S/C		\$24,089.00	\$ 28,266.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Truck	Ford	Ranger	R4E	RANGER 4X2 C/C		\$23,815.00	\$ 26,890.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Truck	Ford	Ranger	R4F	RANGER 4X4 C/C		\$26,254.00	\$ 30,326.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

Expedition

2023	Gasoline	SUV	Ford	Expedition	K1F	4X2 XL MAX		\$39,311.00	\$ 51,398.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1G	4X4 XL MAX		\$41,658.00	\$ 54,242.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1H	4X2 XLT MAX		\$48,122.00	\$ 55,161.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1J	4X4 XLT MAX		\$50,533.00	\$ 58,005.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1K	4X2 LIMITED MAX		\$56,791.00	\$ 63,619.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1L	4X2 PLATINUM MX		\$67,915.00	\$ 75,000.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K1M	4X4 PLATINUM MX		\$70,763.00	\$ 77,847.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	K2A	4X4 LIMITED MAX		\$59,363.00	\$ 66,464.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1F	4X2 XL		\$36,072.00	\$ 48,600.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1G	4X4 XL		\$38,769.00	\$ 51,444.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1H	4X2 XLT		\$45,492.00	\$ 53,296.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1J	4X4 XLT		\$48,568.00	\$ 56,140.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1K	4X2 LIMITED		\$52,134.00	\$ 61,754.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1L	4X2 PLATINUM		\$65,369.00	\$ 73,137.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U1M	4X4 PLATINUM		\$68,061.00	\$ 75,982.00	20%	6%		Tasca Ford
2023	Gasoline	SUV	Ford	Expedition	U2A	4X4 LIMITED		\$56,880.00	\$ 64,598.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

Econoline

2023	Gasoline	Van	Ford	Econoline	E3F	COM CUTAWAY VAN			\$ 25,422.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Econoline	E3K	COMM STRIP CHAS			\$ 23,510.00	20%	6%	Gengras Ford, Inc.	Tasca Ford

2023	Gasoline	Van	Ford	Econoline	E4F	COM CUTAWAY VAN			\$ 27,495.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Van	Ford	Econoline	E4K	COMM STRIP CHAS			\$ 25,525.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
Explorer													
2023	Gasoline	SUV	Ford	Explorer	K7B	4DR RWD BASE		\$27,072.00	\$ 34,085.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K7D	4DR RWD XLT		\$30,123.00	\$ 35,405.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K7F	4DR RWD LIMITED		\$38,400.00	\$ 43,332.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K8B	4DR 4WD BASE		\$28,483.00	\$ 35,970.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K8D	4DR 4WD XLT		\$31,341.00	\$ 37,270.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K8F	4DR 4WD LIMITED		\$40,193.00	\$ 45,197.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K8G	4DR 4WD ST		\$42,449.00	\$ 47,514.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Explorer	K8H	4DR 4WD PLTNM		\$46,543.00	\$ 50,607.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
Ecosport													
2022	Gasoline	SUV	Ford	Ecosport	S2F	FWD S		NA		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S2G	FWD SE		NA		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S2K	FWD TITANIUM		NA		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S3F	4WD S		\$20,197.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S3G	4WD SE		\$21,280.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S3J	4WD SES		\$24,448.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Ecosport	S3K	4WD TITANIUM		\$26,010.00		20%	6%	Gengras Ford, Inc.	Tasca Ford
Edge													
2022	Gasoline	SUV	Ford	Edge	K3G	EDGE FWD-SE		NA	NA	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Edge	K3J	EDGE FWD-SEL		NA	NA	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Edge	K3K	EDGE FWD-TITAN		NA	NA	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Edge	K4A	EDGE AWD-ST		\$38,396.00	\$ 43,051.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Edge	K4G	EDGE AWD-SE		\$30,605.00	\$ 35,467.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Edge	K4J	EDGE AWD-SEL		\$32,590.00	\$ 36,392.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Edge	K4K	EDGE AWD-TITAN		\$35,754.00	\$ 39,894.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
Escape													
2023	Gasoline	SUV	Ford	Escape	U0F	S FWD		\$21,560.00	\$ 25,920.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Escape	U9F	S AWD		\$23,490.00	\$ 27,333.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Escape	U0G	SE FWD		\$24,163.00	\$ 26,899.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Escape	U9G	SE AWD		\$23,898.00	\$ 28,642.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Escape	U0H	SEL FWD		\$26,378.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Escape	U9H	SE Sport AWD Hybrid		\$24,864.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Escape	U0D	Titanium FWD Hybrid		\$27,966.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Gasoline	SUV	Ford	Escape	U9D	Titanium FHEV AWD		\$29,338.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	SUV	Ford	Escape	U9J	Titanium AWD		NA	\$ 34,988.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Plug-in Hybrid	SUV	Ford	Escape	U0E	SE PHEV FWD		\$28,122.00	\$ 35,902.00	20%	6%		Tasca Ford
2022	Plug-in Hybrid	SUV	Ford	Escape	U0K	SEL PHEV FWD		\$30,582.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Plug-in Hybrid	SUV	Ford	Escape	U0L	TITANIUM PHEV FWD		\$31,677.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Hybrid	SUV	Ford	Escape	U9H	SEL AWD		\$27,718.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
2022	Hybrid	SUV	Ford	Escape	U0B	SE Sport FWD Hybrid		\$23,837.00	N/A	20%	6%	Gengras Ford, Inc.	Tasca Ford
Mustang													
2023	Gasoline	Car	Ford	Mustang	P8C	GT COUPE	\$33,081.00		\$ 37,214.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Car	Ford	Mustang	P8F	GT CONV PREMIUM	\$41,430.00		\$ 46,915.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2021	Gasoline	Car	Ford	Mustang	P8K	BULLITT COUPE	N/A		N/A	20%	6%		
2023	Gasoline	Car	Ford	Mustang	P8T	ECO COUPE	\$24,393.00		\$ 27,735.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2023	Gasoline	Car	Ford	Mustang	P8U	ECO CONV	\$29,287.00		\$ 32,864.00	20%	6%	Gengras Ford, Inc.	Tasca Ford
2021	Gasoline	Car	Ford	Mustang	P8S	GT Premium Fastback	N/A		N/A	20%	6%		
2023	Electric	Car	Ford	Mustang Mach-E	K1R	Select		\$44,820.00	\$ 47,695.00	20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2023	Electric	Car	Ford	Mustang Mach-E	K3R	Premium		\$50,025.00	\$ 55,775.00	20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2023	Electric	Car	Ford	Mustang Mach-E	K2R	California Route 1		\$50,500.00	N/A	20%	6%		Tasca Ford MHQ, Inc.
2023	Electric	Car	Ford	Mustang Mach-E	K4S	GT		\$63,095.00	\$ 70,695.00	20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
Maverick													
2022	Hybrid	Truck	Ford	Maverick - FWD	W8E	XL (100A)		\$19,331.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2022	Hybrid	Truck	Ford	Maverick - FWD	W8E	XLT (300A)		\$21,401.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2022	Hybrid	Truck	Ford	Maverick - FWD	W8E	Lariat		\$23,660.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2022	Hybrid	Truck	Ford	Maverick - AWD	W8F	XL (100A)		\$21,347.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2022	Hybrid	Truck	Ford	Maverick - AWD	W8F	XLT (300A)		\$23,518.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
2022	Hybrid	Truck	Ford	Maverick - AWD	W8F	Lariat (500A)		\$26,730.00		20%	6%	Gengras Ford, Inc.	Tasca Ford MHQ, Inc.
Bronco													
2022	Gas	Truck	Ford	Bronco- 2 door	E5A	Base (101A)		\$29,408.00		20%	6%	Tasca Ford	
2022	Gas	Truck	Ford	Bronco- 2 door	E5A	Big Bend (221A)		\$33,278.00		20%	6%	Tasca Ford	
2022	Gas	Truck	Ford	Bronco- 2 door	E5A	Black Diamond (321A)		\$35,346.00		20%	6%	Tasca Ford	
2022	Gas	Truck	Ford	Bronco- 4 door	E5B	Base (101A)		\$31,884.00		20%	6%	Tasca Ford	
2022	Gas	Truck	Ford	Bronco- 4 door	E5B	Big Bend (221A)		\$33,993.00		20%	6%	Tasca Ford	

2022	Gas	Truck	Ford	Bronco - 4 door	E5B	Black Diamond (321A)		\$36,038.00		20%	6%	Tasca Ford
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Authorize the Mayor, Harry W. Rilling, to enter into agreement with Adashi Systems, LLC., the incident command software for Fire trucks, amount not to exceed \$31,130.00 annually. Capital project Account 09231370-5777-C0375 (Fire Truck Technology upgrade)

Authorize the Mayor, Harry W. Rilling, for one time purchase of Toughbooks, modems, and assorted Hardwares with Telrepco (NASPO - National Association of State Procurement Officials, State of Connecticut Contract Number: 15PSX0221) for Fire Truck Technology upgrade with amount not to exceed \$90,925. Capital project Account 09231370-5777-C0375 (Fire Truck Technology upgrade)



Adashi Systems LLC
101 N. Haven Street, Suite
301
Baltimore MD 21224

877-563-9980 (O)
www.adashi.com

Company Background & Experience

Adashi Systems is a United States-based software company which delivers exceptional technological solutions for public safety agencies and first responders worldwide. We are passionate about creating technology that enables public safety agencies and first responders to manage incidents efficiently, effectively, and safely.

Public safety departments across the world have selected our software to serve as an integral part of their incident response and operations strategy. Commanders and first responders endorse Adashi Systems' software because of its multifaceted capabilities. Our products allow them to effectively staff and manage small- and large-scale incidents over multiple operational periods and retain focus on the specific details which directly influence on-the-ground response time, decision-making, and incident management.

The Adashi Systems platform is specifically designed for public safety organizations to improve the staffing, notification, management, and reporting of critical incidents. Each product is supported by a user friendly, intuitive interface to improve communication and effectiveness. Our core suite of products includes solutions for department staffing and scheduling, mobile notification, incident mapping, situational awareness, automatic vehicle location, command and control, personnel accountability, and reporting. While serving as a powerful stand-alone solution, Adashi excels by collaborating and integrating with existing systems to provide a more complete and intuitive solution end-to-end for our customers.

While each Adashi Systems product can serve as a standalone solution, together they provide an end-to-end solution for public safety agencies. Our products are specifically designed to help public safety agencies with rostering, notification, response, incident command, and situational awareness. Adashi's full suite of products prepare departments to manage incidents before, during, and after they occur.

With our products' seamless integration, departments have access to the critical information for their needs at every step of the way. Serving as a complete operational management system, Adashi Systems brings ease and efficiency to a department's daily operations from start to finish.

Our solutions are in use at some of the largest fire and rescue agencies in the world. A few examples are Fire Department of New York (FDNY), Fire Rescue New South Wales (FRNSW), Australia, Detroit Fire Department, Los Angeles County Fire Department, and the San Diego Fire Department.

More information and case studies can be found at
www.adashi.com



First Response MDT provides Fire/Ems based first responders with vital information and intelligence as they begin their response to an incident. First Response MDT provides responders quick access to crucial information such as location, directions, maps, guidance, preplans, incident notes, and contact information. The product leverages ArcGIS Engine technology by Esri for its map rendering engine. Our system automates, routes, and provides more precise information to responders, incident commanders, EOC's, and all involved.

RollCall is a cloud-based staff scheduling and overtime management platform specifically designed for the fire service. The product allows shift commanders to view real-time and future staffing needs, automatically assign rules-based overtime, validate staffing decisions, maintain appropriate staffing levels, approve requests for trades and vacation/sick days, and create a daily roster for export to RMS and payroll. First responders can submit shift change requests from any location and device and bid on voluntary overtime instantly.

Alert is a revolutionary way to notify departments of incoming incidents and boost turn out and response times. This digital incident dashboard directly connects with computer automated dispatch to notify stations of new incidents and display all active calls. The alerting system is designed to give firefighters access to critical data, improve turn out and response times, and create a common operating picture across the whole agency.

LiveView is an interactive incident information and situational awareness platform. Using the live incident dashboard, commanders can view all incidents occurring in their jurisdiction. It also provides key incident and unit information, a common operating picture across multiple agencies, and improved situational awareness.

Broadcast is an interactive communication platform that allows agencies to communicate with staff and members to communicate critical information during emergencies. Messages can be delivered via SMS, voice or email.





Adashi C&C



COMMAND & CONTROL LIKE NEVER BEFORE

Adashi's C&C is a robust incident and resource management platform. Designed for use at all types and sizes of incidents, the software platform provides the commander an interactive data dashboard for effective decision making. C&C provides situational awareness, real-time collaboration, tactical planning, tracking, management, communication, logging, and reporting.

SYSTEM FEATURES

- Real-time collaboration
- ESRI Maps compatible
- Navteq Street maps included
- Real-time weather integration
- CAD Integration
- RMS Integration
- Intuitive touch screen interface
- Real-time logging of all activities
- After incident reporting
- Enterprise Platform
- Web Independent - Internet Not Required



US: +01.443.808.0737
Toll-Free: +1.877.563.9980 x1
Email: sales@adashisystems.com
www.adashisystems.com

➤ Collaboration & C.O.P.

Map-Based Management – With multiple map views at your fingertips, manage your incident directly on a map. Choose from your ESRI layers, Google, Bing, Pictometry (where available) and Navteq maps. Draw on the map, view and place resources on a map, and share maps for real-time situational awareness and a common operating picture.

Resource Management and Tracking – Full AVL (Automatic Vehicle Location) allows incident commanders to see, communicate and re-route units in real time. Resources in the field instantly receive a pop-up notification of messages and the new assignment. Easily drag and drop roles and resources on the map to reflect either their current or planned location and include messages with their new assignments.

Incident Action Plan – Use the electronic tactical worksheet to develop a detailed Incident Action Plan and assign resources directly onto the map. Drag and drop to efficiently manage roles and resources within the incident display. Define your strategy and game plan with all connected resources.

Collaboration – Get everyone on the same page fast. Use annotation to share a single encompassing view of the incident in real time with other connected users. Personnel can share information, drawings, and photographs and collaborate in the collection of accurate and timely data.

Electronic Drawing Board – Draw and drag icons on the map to mark boundaries, define zones of approach, identify objectives, notate hazards or define cordon zones, staging areas, and more. Draw on maps, photographs, pre-plans, and other media. Share your strategy with all connected resources.

➤ Intelligence & Coordination

NIMS-Based Command – When an incident is initiated, a flexible incident command org chart allows you to drag and drop your resources to groups and assignments as defined in NIMS. Organizational charts expand as the incident progresses. Maintain critical span of control at each level with ease.

Pre-plans – Access and view pre-plan data and documents such as building plans, response plans, hydrants, hazards, and photographs. These pre-defined items of interest will appear automatically when the associated address or selected perimeter is chosen by you or your CAD. Annotate the preplan with crew entry points, icons, tasks, and responsibilities. Use this capability to draw boundaries, define zones of approach, identify objectives, notate hazards or define cordon zones, staging areas, and more.

Easy CAD Integration – Upon CAD dispatch, data is automatically transferred. Critical Information, including Address/Coordinates, Incident Notes, Contact Information and Responding Units, is available to the incident commander.

All-Hazards Database Management – Add and modify hazard categories, types, and descriptions as needed to fit your organization's specific needs. Add guidance, SOGs, local response plans, and other critical data to specific incident types. Use the pre-loaded repository of CAMEO/ALOHA hazard data, identification, and reference tools. Populate your maps with automated airborne hazard prediction and map visualization of hot/warm zones, isolation distances, and evacuation areas based on real-time weather.

Benchmarks and Checklists – Customizable benchmarks and checklists are available at the touch of a button. All activities are time-stamped and recorded in the log.



US: +01.443.808.0737
Toll-Free: +1.877.563.9980 x1
Email: sales@adashisystems.com
www.adashisystems.com





FIRSTRESPONSE MDT

MISSION-CRITICAL INFORMATION IN ONE INTEGRATED SYSTEM

FirstResponse MDT is changing emergency response. Designed for easy access on a moving vehicle, responders can view and access mission-critical data – when they need it the most. With FirstResponse MDT, first responders can now respond to incidents more efficiently and effectively with the vital information they need to handle any emergency.

FIRSTRESPONSE MDT SYSTEM FEATURES

- Seamless integration to dispatch
- Two-way instant messaging
- Map-based intelligence
- AVL of other responding units
- Critical information dashboard
- Real-time wind and weather data
- Intuitive intelligent design
- Integrated with the Adashi ecosystem



US: +01.443.808.0737
Toll-Free: +1.877.563.9980 x1
Email: sales@adashisystems.com
www.adashisystems.com



FIRSTRESPONSE MDT SYSTEM FEATURES

EFFICIENT RESPONSE



Notification

Adashi's FirstResponse MDT instantaneously notifies first responders when 9-1-1 dispatches an incident and provides a detailed summary page of dispatch information. Incident information, real-time updates, and turn-by-turn directions are displayed even before the responders get in the vehicles.



Dispatch

Direct integration with dispatch allows responders to communicate their status and receive to-the-minute incident updates.



Real-Time Routing

FirstResponse MDT generates a reliable, efficient route with turn-by-turn navigation as soon as dispatch is received. ArcGIS maps allow first responders to access routing instructions that automatically incorporate turn restrictions, physical barriers and gates, one-way streets, restricted access areas, and relative road heights.



Critical Information Dashboard

Access pre-plans, standard operating guidelines, checklists, local benchmarks, an editable Incident Action Plan (IAP), hazard predictions & modelling, AVL data, weather information, and more to provide a complete picture of the incident ground and identify any hazards or threats.



Two-Way Instant Messaging

The IM feature lets crews communicate messages, photos, and high-resolution video streaming in real-time. Create a common operating picture among public safety agencies across all connected users.



Custom Mapping Layers

Responders can access Esri, HERE (Formerly Navteq), Pictometry, Google/ Bing, and local or custom GIS overlays including hydrants, sewage/power lines, and points of interest to gain a complete view of the situation.



Multiple System Integrations

FirstResponse MDT integrates with computer automated dispatch (CAD), records management systems, and other existing systems for simple transfer of important data. Our MDT also seamlessly integrates with Adashi's incident command and staffing software to provide an end-to-end tool for its users. With the full Adashi system in place, public safety agencies have a complete organizational life-cycle management tool.



Dynamic Interface

With our unique information dashboard, responders can view all of their key information in one place. No fumbling between maps or scrolling through screens on a moving vehicle. Everything first responders need is in a clear, easy-to-use format, specifically designed for public safety needs.

WEB-INDEPENDENT

First Responders can see pre-plans, checklists, and other critical information even if there is no Internet/cellular connection. All information is stored locally on the MDT device to make for quick and easy retrieval. Using FirstResponse MDT, responders also can communicate with other units or commanders at the scene even if regular radio/cellular channels fail.



Adashi



THE ADASHI PUBLIC SAFETY PLATFORM

The Adashi Systems suite of products is the first and one-of-a-kind framework for coordinated, intelligent response. The Adashi platform is specifically designed for public safety organizations to improve the staffing, notification, response, management, and reporting of critical incidents. Our enterprise-grade platform helps first responders perform their duties effectively, even in the worst situations - giving public safety agencies a mission-critical solution. All Adashi products seamlessly work together to assist with every stage of the incident management process. Use Adashi to make your department as safe, efficient, and organized as possible.

THE ADASHI PLATFORM ENABLES YOU TO:

- > Staff Appropriately
- > Arrive Informed
- > Manage Effectively
- > Go Home Safely



1500+ public safety agencies use Adashi products worldwide

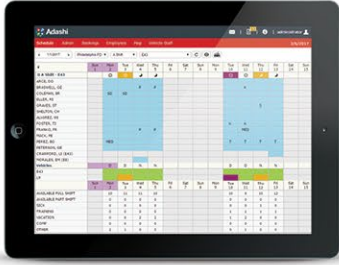


Adashi works with departments of all sizes, including one with **7,500+** active duty firefighters



One of our largest customers uses Adashi's software in a fleet of **650+** vehicles

Staff Scheduling and Overtime Management



Adashi RollCall



Adashi RollCall is a cloud-based staff scheduling and overtime management platform specifically designed for public safety agencies. The software automates callbacks to help departments cut costs, save time, and make more informed staffing decisions. Administrators and first responders can access the scheduling tools from any web browser or device including mobile phones and tablets via the Adashi RollCall mobile apps. Adashi RollCall also interfaces directly with RMS systems for accurate reporting and increased accountability.

Emergency Response MDT Software



Adashi FirstResponse MDT



Adashi FirstResponseMDT get first responders on scene faster with the critical information they need in one, easy-to-use dashboard. Seamless integration to dispatch auto-triggers a premiere navigation system including Esri map technology, Google/Bing maps, and your department's custom or local layers. Designed for easy access on a moving vehicle, our main dashboard also displays incident pre-plans, the location of hydrants and other responding units, detailed incident guidance, hazmat modeling, real-time weather data, and more to help responders handle any type of emergency.

Incident Command, Management, and Reporting



Adashi C&C



Adashi C&C is an electronic ICS platform with an interactive data dashboard. The full-scale incident management software helps commanders efficiently annotate maps, pre-plans, and photographs with strategic information; communicate tactical objectives; perform dynamic and analytical risk analysis; manage groups and divisions; assign resources to tasks; and track personnel accountability. Commanders can also complete standard ICS forms right in Adashi C&C for quick and easy reporting once the incident has been contained.

Live Incident Dashboard



Adashi LiveView



Adashi LiveView is a complete live incident information platform. Using the live incident dashboard, commanders can view all incidents and locations of their units. The revolutionary incident mapping software provides key incident and unit information, improves situational awareness, and helps departments maintain a common operating picture across multiple agencies or jurisdictions.



Staffing

Adashi RollCall ensures the appropriate number of staff arrive on shift via its complete staff scheduling and overtime management platform.



Response

Adashi FirstResponse MDT navigates crews to the incident with the mission-critical data they need from their RMS and other information sources.



Incident Command

Adashi C&C helps commanders track assets, assign tasks, manage incidents, and log their activities with Adashi's eICS platform.



Common Operating Picture

Adashi LiveView provides chiefs with a big-picture view of their jurisdiction with real-time incident mapping.



Toll-Free: +01-877-563-9980
Email: sales@adashi.com

www.adashi.com





DEPT OF FINANCE
Purchasing Department
NONCOMPETITIVE PROCUREMENT JUSTIFICATION FORM

DATE: _____

DEPARTMENT: _____

Procurement by non-competitive proposals may be used only when the award of a contract is infeasible under informal competitive Quotations (§3-204), Informal Competitive Request for Proposals (§3-205), seal bids, or competitive proposals and at least one of the following circumstances applies:

Check One:

	The item is available only from a single source (justification is attached). The provisions of this regulation apply to all sole source procurements unless emergency conditions exist as defined by Purchasing Guideline on Emergency Procurements
	After solicitation of a number sources, competition is determined inadequate (record of source contacts and/or attempts to obtain pricing is attached)
	The compatibility of equipment, accessories, or replacement parts is of paramount consideration
	The item/service is available on a Cooperative Purchasing Agreement (please provide the organization name, quote and the contract/agreement number)
	The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation (documented emergency contingency is attached). Please forward this form and supporting documentation within 48 hours of the Emergency
	Other, please explain:

TOTAL COST: _____ MUNIS Account: _____

VENDOR: _____

Purchasing Agent Signature	The Purchasing Agent		Department Head Signature
	X	Supports	<i>Gino Gatto</i>
Purchasing Agent Name		Does Not Support	Department Head Name
	X	Single Source Requires Common Council Authorization (in excess of \$20,000.00)?	
Date			Date

JUSTIFICATION:

ANY OTHER VENDORS CONTACTED FOR PRICING? (Please attach quotes): _____

Vendor 1: _____

Vendor 2: _____

EMERGENCY: Explain in detail the nature of the emergency



Company Information

Adashi Systems, LLC
101 N. Haven Street, Suite 301
Baltimore, MD 21224
Phone: 1.877.563.9980, Ext. 1
Sales: sales@adashi.com

Quote Number 00000012
Net Terms Net 30
Expiration Date 2022-08-01

Customer Information

Contact Name	Mark Conte	Account Name	Norwalk Fire Dept (CT)
Phone	(203) 854-0222	Bill To	CT
Email	mconte@norwalkct.org		USA

Product	Quantity	Sales Price	Total Price	Line Item Description
Adashi C&C Safety Monitor units: 1 - 4	2.00	USD 2,698.00	USD 5,396.00	Incident command with Scott Accountability Interface
Adashi First Responder units: 1 - 9	9.00	USD 826.00	USD 7,434.00	MDT software for frontline vehicles
Adashi Alert	6.00	USD 1,200.00	USD 7,200.00	Station alerts and Situational Awareness
Adashi Cloud Hosting Deploy and Managed Services	1.00	USD 5,000.00	USD 5,000.00	Clouding hosting and managed services
Integration Service	1.00	USD 2,500.00	USD 2,500.00	Setup of Maps and CAD interface, One time cost
Training On Site Basic Add	3.00	USD 1,200.00	USD 3,600.00	2 Full days and 1 optional

Totals

Invoicing Notes:	Thank you for your interest in Adashi Systems. We look forward to working with you.	Subtotal	USD 31,130.00
		Discount	0.00%
		Total Price	USD 31,130.00

Quote Acceptance

Signature: _____

Name: _____

Title: _____

Date: _____

Foertsch Holdings Inc
101 North Plains Industrial Rd
Bldg 2
Wallingford, CT 06492
(203) 284-5200

EXPIRATION DATE: 10/30/2022

Order Number: 0105516
Order Date: 8/10/2022
Salesperson: 0048/ Roseann Mayo
Salesperson Email: rmayo@telrepco.com
Customer Number: 0011361

Sold To:	Ship To:
Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854	Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854

Confirm To:
Asst. Chief Mark Conte

Customer P.O.	Ship VIA	F.O.B.	Terms
qty 12 CF33 tablet deployment	UPS GROUND		Net 30 Days

Item Code	Unit	Ordered		Price	Amount
CF-33RZ002KM Whse: 000	EA	12	INTEL CORE I5-10310U 1.7GHZ (4.4GHZ),VPRO,12.0QHD GLOVED MULTI TOUCH+DIGITIZER,16GB,512GB OPAL SSD,INTEL WI-FI 6,BLUETOOTH,4G LTE MULTI CARRIER BAND 14 (EM7511), DUAL PASS (CH1:WWAN/CH2:None),INFRARED HELLO WEBCAM,8MP REAR CAMERA,STANDARD DUAL BATTERIES,Win10 Pro (Win11 DG), PREFERRED MFG 3YR WARRANTY	3,375.00	40,500.00
FZ-SVCTPNF3YR Whse: 000	EA	12	PROTECTION PLUS WARRANTY PANASONIC TABLET PC-YRS 1, 2&3	295.00	3,540.00
CF-VEK333LMP Whse: 000	EA	12	PREMIUM KEYBOARD FOR CF-33 Mk1, Mk2. NEW IMPROVED, 3X BRIGHTER OUT-OF-THE-BOX. EMISSIVE RED BACKLIT (4 LEVELS). HANDLE/KICKSTAND DISPLAY CAN BE OPENED TO ANY ANGLE. COMPATIBLE WITH TABLET, 33 LAPTOP VEHICLE DOCK, AND 33 DESKTOP DOCK. ETHERNET, SDXC	575.00	6,900.00
HA-33LVDLT2 Whse: 000	EA	17	HAVIS DOCKING STATION LAPTOP LITE WITH DUAL PASS ANTENNA WITH USB,RJ45,D89 FOR CF-33	850.00	14,450.00
CF-LNDDC120 Whse: 040	EA	17	DC Power 120w adapt. Mountable Havis for CF-33 w/DC jack conn	145.00	2,465.00
C-MD-301 Whse: 040	EA	10	Action Adapters, Slide Out Heavy Duty Mount, Havis	185.00	1,850.00
C-MM-218 Whse: 040	EA	10	Monitor Adapter Plate VESA Havis	25.00	250.00

Continued

Foertsch Holdings Inc
101 North Plains Industrial Rd
Bldg 2
Wallingford, CT 06492
(203) 284-5200

EXPIRATION DATE: 10/30/2022

Order Number: 0105516
Order Date: 8/10/2022
Salesperson: 0048/ Roseann Mayo
Salesperson Email: rmayo@telrepcO.com
Customer Number: 0011361

Sold To:	Ship To:
Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854	Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854
Confirm To: Asst. Chief Mark Conte	

Customer P.O.	Ship VIA	F.O.B.	Terms
qty 12 CF33 tablet deployment	UPS GROUND		Net 30 Days

Item Code	Unit	Ordered		Price	Amount
C-HDM-208 Whse: 040	EA	1	TELESCOPING POLE 5.5" HAVIS	75.00	75.00
C-HDM-204 Whse: 040	EA	1	Pole Only Telescoping Device, Side Mount, Heavy Duty, 8.5" H	155.00	155.00
C-MD-119 Whse: 040	EA	2	Low Profile Motion Adapter Havis Posi-Lock Front Access	295.00	590.00
CT DAS - NASPO Panasonic Contract -#15PSX0221					

ACCEPTED BY & DATE

This Order/ Quote is subject to our durable Terms & Conditions, previously acknowledged by you.

0105516

Net Order: 70,775.00

Freight: 0.00

Sales Tax: 0.00

Order Total 70,775.00

Foertsch Holdings Inc
101 North Plains Industrial Rd
Bldg 2
Wallingford, CT 06492
(203) 284-5200

EXPIRATION DATE: 9/10/2022

Order Number: 0106862
Order Date: 8/29/2022
Salesperson: 0048/ Roseann Mayo
Salesperson Email: rmayo@telrepco.com
Customer Number: 0011361

Sold To:	Ship To:
Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854	Norwalk Fire Dept. 121 Connecticut Ave. Norwalk, CT 06854
Confirm To: Asst. Chief Mark Conte	

Customer P.O.	Ship VIA	F.O.B.	Terms
qty 13 IBR900	UPS GROUND		Net 30 Days

Item Code	Unit	Ordered		Price	Amount
MA3-0900120B-NNA Whse: 040	EA	13	CRADLEPOINT INC : 3-yr NetCloud Mobile Essentials Plan and IBR900 router with WiFi (1000Mbps modem), no AC power supply or antennas, North America	1,150.00	14,950.00
LG-IN2457 Whse: 040	EA	16	Panorama - Low Profile Dome Black, 5 in 1 Antenna: 2x 4G/5G LTE 600MHz-6GHz, 2x 2.4/5GHz Wi-Fi, GPS/GNSS, 5m/16 cables for use with the IBR600, IBR900, IBR1100. AT&T FirstNet Ready.	325.00	5,200.00

ACCEPTED BY & DATE This Order/ Quote is subject to our durable Terms & Conditions, previously acknowledged by you. 0106862				Net Order:	20,150.00
				Freight:	0.00
				Sales Tax:	0.00
				Order Total	20,150.00



DEPT OF FINANCE
Purchasing Department
NONCOMPETITIVE PROCUREMENT JUSTIFICATION FORM

DATE: _____

DEPARTMENT: _____

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	Other, please explain:

TOTAL COST: _____ MUNIS Account: _____

VENDOR: _____

Purchasing Agent Signature	The Purchasing Agent		Department Head Signature
	X	Supports	<i>Gino Gatto</i>
Purchasing Agent Name		Does Not Support	Department Head Name
	X	Single Source Requires Common Council Authorization (in excess of \$20,000.00)?	
Date			Date

JUSTIFICATION:

ANY OTHER VENDORS CONTACTED FOR PRICING? (Please attach quotes): _____

Vendor 1: _____

Vendor 2: _____

EMERGENCY: Explain in detail the nature of the emergency



Company Information

Adashi Systems, LLC
101 N. Haven Street, Suite 301
Baltimore, MD 21224
Phone: 1.877.563.9980, Ext. 1
Sales: sales@adashi.com

Quote Number 00000012
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Expiration Date 2022-08-01

Customer Information

Contact Name Mark Conte
Phone (203) 854-0222
Email mconte@norwalkct.org

Account Name Norwalk Fire Dept (CT)
Bill To CT
USA

Product	Quantity	Sales Price	Total Price	Line Item Description
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Totals

Invoicing Notes: Thank you for your interest in Adashi Systems.
We look forward to working with you.

Subtotal USD 31,130.00
Discount 0.00%
Total Price USD 31,130.00

Quote Acceptance

Signature: _____

Name: _____

Title: _____

Date: _____



[Home](#)

Government Contracts

Contracts Available for Qualified Government Buyers

Telrepco offers alternate purchasing options for qualified government buyers, including GSA CT & NJ NASPO, and New York State OGS

Company Information:

Telrepco
101 North Plains Industrial Rd Ste 2
Wallingford, CT 06492

Telrepco is an Authorized Panasonic and Lenovo Service Center.

D-U-N-S Number: 101174396

CAGE Code: 8HVT1

GSA

U.S General Services Administration

Telrepc Contract for Refurbished
Toughbooks:

Contract Number: GS-35F-455CA

Federal Supply Schedule 70

SIN: 132-9 - Purchase of Used or
Refurbished Equipment

[Click Here To View Our Pricelist.](#)

New products are available to be
purchased off GSA. Call 1-800-537-
0509 for more information

NASPO

National Association of State Procurement Officials

State of Connecticut
Contract Number: 15PSX0221

State of New Jersey
Contract Number: MNWNC-124

Panasonic Contract # 89980

Call 800-537-0509 for information on
ordering procedure



PEPPM

Technology Bidding and Purchasing Program

Contract # 528897-191

Panasonic holds the Pennsylvania and California PEPPM contracts direct, but fulfills through numerous authorized reseller partners. All State, Local, County, Municipality, Higher Education, K-12, Private Schools,

CITY OF NORWALK

FIRE DEPARTMENT

121 Connecticut Ave
Norwalk, Connecticut 06850



Tele: (203) 854-0239
Fax (203) 854-7931

I would like to request that the City of Norwalk continues as the fiduciary for the Region 1, Emergency Management Preparedness Grant (EMPG). The grant is for \$75,000 and is a reimbursement grant.

History

The City of Norwalk is part of a mutual aid agreement with 13 others cities and towns in Fairfield County. These 14 municipalities make up Region 1 and also the Fairfield County Hazardous Incident Response Team (FFCoHIRT). The team administered through the Fire Chiefs that represent the municipalities.

Annually our regional hazardous material team is awarded funds from the Emergency Preparedness Grant (EMPG), a federal grant that is managed through the State of Connecticut.

Our issue is that our hazardous materials team is a mutual aid agreement between the municipalities, not a true government entity. The grant is a reimbursement grant that needs a municipality or a council of governments to purchase items and then submit for reimbursement.

FFCoHIRT identifies equipment or training that is needed for our region. We confirm with the state that the purchase will be a reimbursable cost. The vendor provides a quote for the purchase; the municipality will then issue a purchase order. The vendor delivers the item and then issues an invoice. The municipality pays the invoice and then submits reimbursement from the state.

We have successfully managed this grant for four previous years.

Respectfully,

Fortunato Capomolla Jr.

Fortunato Capomolla Jr.
Rescue Captain
Hazmat Group Supervisor
Norwalk Fire Department

Grant Title: 2021 EMPG Haz Mat				
Agency Name: Region # 1				
Allocation Total: 75,000.00				
		Grant Program Request		
		Planning	14,500.00	
		Organization		
		Equipment*	45,500.00	
		Training	15,000.00	
		Exercises		
		Total	75,000.00	
				AEL NUMBER (EQUIP. ONLY)
			Grant Funding	
Planning - Describe planning costs related to this project and identify below the specifics of these costs to include planning personnel, contracted labor, or other planning related costs. Enter the amounts to the right of the description.				
Materials Location Preplanning. Personnel and contracted labor cost to catalog facilities, processes, and products (raw & finished)				9,000
Veoci Software. Used for HM team inventory, preplans, and incidents				5,500
				14,500.00
Organization - Describe organization costs related to this project and identify below the specifics of these costs to include personnel, contracted labor, or other organization related costs. Enter the amounts to the right of the description.				N/A
				0.00
Equipment - List all specific equipment purchases that are related to this project and their related costs. Enter amounts in the columns to the right. Please include the AEL number that applies. (See www.rkb.mipt.org for AEL #)				
AP4C wireless package				15,000
RAE Multi-use Sensors and Calibration				15,000
PPE				10,000
IPADS				2,500
Portable Generators				3,000
				\$ 45,500
Training - Please include the the Training expenses related to this project. List appropriate expenses and the related costs in the column to the right.				
Veoci Boot Camp				5,000
Incident Management				5,000
Advanced Metering				5,000
				15,000.00
Exercise - Please include the the Exercise expenses related to this project. List appropriate expenses and the related costs in the column to the right.				N/A
				\$ -
				75,000.00

NORWALK COMMON COUNCIL
REQUEST FOR ITEM TO BE PLACED ON AGENDA

DATE OF REQUEST: October 17, 2022

PERSON/DEPARTMENT/COMMITTEE MAKING REQUEST: Robert Stowers, Director of Recreation & Parks

SECTION ON AGENDA WHERE ITEM IS TO APPEAR: Recreation & Parks

HAS ITEM BEEN TO A COUNCIL COMMITTEE? YES ☒ NO

HAS THE ITEM BEEN REVIEWED BY THE P&Z COMMISSION UNDER Section 8-24 OF THE STATE STATUTES? YES NO ☒ N/A

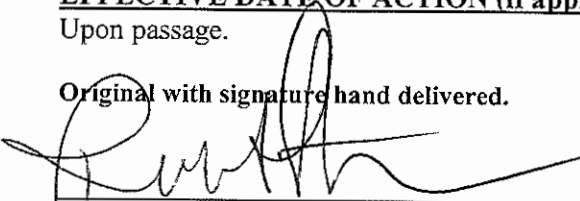
LIST ITEMS AND ACTION TO BE TAKEN: (Attach document to be approved or backup material. If a contract is to be awarded, please include name of contractor, amount of contract to be awarded and account from which payment will be made.)

1. Authorize the Purchasing Agent to issue a purchase order to M. E. O'Brien and Sons for the Kendall School playground renovations off the CT State Pricing Contract # 17PSX0081, in an amount not to exceed \$163,209.00 from ARPA account # \$ 134010-5796-ARP01

STATUTORY AUTHORITY UNDER WHICH ACTION IS BEING TAKEN:
EFFECTIVE DATE OF ACTION (if applicable):

Upon passage.

Original with signature hand delivered.


Signature of Person Making Request

Please fill in all blanks and note if an item is not applicable.

Amended 4/13/84



DEPT OF FINANCE
Purchasing Department
NONCOMPETITIVE PROCUREMENT JUSTIFICATION FORM

DATE: 8/23/2022

DEPARTMENT: Rec and Parks

Procurement by non-competitive proposals may be used only when the award of a contract is infeasible under informal competitive Quotations (§3-204), Informal Competitive Request for Proposals (§3-205), seal bids, or competitive proposals and at least one of the following circumstances applies:

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☐	The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation (documented emergency contingency is attached). Please forward this form and supporting documentation within 48 hours of the Emergency
☐	Other, please explain:

TOTAL COST: \$163,209.00 MUNIS Account: 134010-5796-ARP01

VENDOR: Obrien and Sons

Purchasing Agent Signature	The Purchasing Agent	Department Head Signature
Sharon Conners Digitally signed by Sharon Conners Date: 2022.08.26 13:32:38 -04'00'	X Supports	
Purchasing Agent Name	Does Not Support	Department Head Name
Date	X Single Source Requires Common Council Authorization (in excess of \$20,000.00)?	Robert Stowers Date 8/23/2022

JUSTIFICATION:

Playground replacement at Kendall School. State contract 17PSX0081. The Parks Department stocks a full replacement parts inventory of Landscape Structures equipment. All playscapes in the City are Landscape Structures, and Obrien and Sons is our local vendor.

ANY OTHER VENDORS CONTACTED FOR PRICING? (Please attach quotes): _____

Vendor 1: _____

Vendor 2: _____

EMERGENCY: Explain in detail the nature of the emergency



Rep: Brian Iafolla
Email: Brian_Iafolla@obrienandsons.com
Phone: 508-404-7190
CPS# 41615-0521

Project Name:
Location:

Kendall School
Norwalk CT

Landscape Structures Inc
MEON22777

CT STATE CONTRACT #17PSX0081 PRICING

QTY	System	Category	Model #	Description	Weight EA	Price/unit	-5%	Unit price, less 5%	Total
1	PlayBooster	Bridges & i	121416A	Disc Challenge {123"} 24" Deck Maximum, w/2 Handhold Panels	208	\$ 5,040.00	\$ {252.00}	\$ 4,788.00	\$ 4,788.00
1	PlayBooster	Bridges & i	152443A	Grid Walk w/Barriers 16" Deck Difference	328	\$ 4,301.00	\$ {215.05}	\$ 4,085.95	\$ 4,085.95
1	PlayBooster	Climbers	N 169318E	Wood Plank Wiggle Ladder 64"Deck w/Recycled Wood-Grain Handholds	92	\$ 1,949.00	\$ {97.45}	\$ 1,851.55	\$ 1,851.55
1	PlayBooster	Climbers	o 302748A	Vine Climber 8" 8k to 96" dk	296	\$ 10,555.00	\$ {527.75}	\$ 10,027.25	\$ 10,027.25
1	PlayBooster	Climbers	w 176077A	Croquet Climber 48"-56"bk DB	65	\$ 1,804.00	\$ {90.20}	\$ 1,713.80	\$ 1,713.80
1	PlayBooster	Climbers	w 152907B	Deck Link w/Steel Barriers 2 Steps	182	\$ 2,537.00	\$ {126.85}	\$ 2,410.15	\$ 2,410.15
1	PlayBooster	Climbers	w 152907D	Deck Link w/Steel Barriers 4 Steps	296	\$ 4,100.00	\$ {205.00}	\$ 3,895.00	\$ 3,895.00
1	PlayBooster	Climbers	w 223170C	Labyrinth Climber Equal Decks 72" Deck	480	\$ 14,751.00	\$ {737.55}	\$ 14,013.45	\$ 14,013.45
1	PlayBooster	Climbers	302754A	Mobius Climber with permalene handholds 72" dk	208	\$ 6,990.00	\$ {349.50}	\$ 6,640.50	\$ 6,640.50
1	PlayBooster	Climbers	w 221908A	Square Loop Incline Climber w/Permalene* Handholds 72" Deck	110	\$ 1,524.00	\$ {76.20}	\$ 1,447.80	\$ 1,447.80
2	PlayBooster	Decks	122197A	90" Triangular Tenderdeck	66	\$ 1,064.00	\$ {53.20}	\$ 1,010.80	\$ 2,021.60
1	PlayBooster	Decks	121948A	Kick Plate 8" Rise	13	\$ 146.00	\$ {7.30}	\$ 138.70	\$ 138.70
2	PlayBooster	Decks	111228A	Square Deck	118	\$ 1,272.00	\$ {63.60}	\$ 1,208.40	\$ 2,416.80
4	PlayBooster	Decks	111231A	Triangular Tenderdeck	62	\$ 980.00	\$ {49.00}	\$ 931.00	\$ 3,724.00
1	PlayBooster	Decks	121949A	Kick Plate 90" Tri-Deck 8" Rise	13	\$ 208.00	\$ {10.40}	\$ 197.60	\$ 197.60
1	PlayBooster	Enclosures	E16244A	Pipe Barrier Above Deck w/o Wheel	51	\$ 773.00	\$ {38.65}	\$ 734.35	\$ 734.35
1	PlayBooster	Motion & i	110901A	Grab Bar	5	\$ 243.00	\$ {12.05}	\$ 228.95	\$ 228.95
1	PlayBooster	Motion & i	111275A	Handloop Assembly	10	\$ 292.00	\$ {14.60}	\$ 277.40	\$ 277.40
1	PlayBooster	Motion & i	1120818A	Playstructure Seat	26	\$ 476.00	\$ {23.80}	\$ 452.20	\$ 452.20
1	PlayBooster	Overhead	141886A	Access/Landing Assembly Rails 24" Deck	34	\$ 846.00	\$ {42.30}	\$ 803.70	\$ 803.70
1	PlayBooster	Overhead	119430A	Overhead Parallel Bars 32" Deck Maximum	121	\$ 1,524.00	\$ {76.20}	\$ 1,447.80	\$ 1,447.80
1	PlayBooster	Posts	111404F	108" Aluminum Post for 32" Deck	28	\$ 370.00	\$ {18.50}	\$ 351.50	\$ 351.50
4	PlayBooster	Posts	111404E	116" Aluminum Post for 40" Deck	29	\$ 381.00	\$ {19.05}	\$ 361.95	\$ 1,447.80
3	PlayBooster	Posts	111404D	124" Aluminum Post for 48" Deck	30	\$ 443.00	\$ {22.15}	\$ 420.85	\$ 1,262.55
4	PlayBooster	Posts	111404B	140" Aluminum Post for 64" Deck	34	\$ 455.00	\$ {23.25}	\$ 431.75	\$ 1,767.00
5	PlayBooster	Posts	111404A	148" Aluminum Post for 72" Deck	36	\$ 498.00	\$ {24.90}	\$ 473.10	\$ 2,318.00
2	PlayBooster	Posts	111404K	156" Aluminum Post for 80" Deck	37	\$ 543.00	\$ {27.15}	\$ 515.85	\$ 1,031.70
3	PlayBooster	Posts	111404Z	182" Steel Post for 96" Deck {44" Bury}	105	\$ 577.00	\$ {28.85}	\$ 548.15	\$ 1,644.45
1	PlayBooster	Posts	111404I	84" Aluminum Post for 8" Deck	21	\$ 336.00	\$ {16.80}	\$ 319.20	\$ 319.20
1	PlayBooster	Posts	111404H	92" Aluminum Post for 16" Deck	23	\$ 348.00	\$ {17.40}	\$ 330.60	\$ 330.60
1	PlayBooster	Slides	130798A	Double Swirl Slide 48"-56" Deck	176	\$ 2,800.00	\$ {140.00}	\$ 2,660.00	\$ 2,660.00
1	PlayBooster	Slides	130390A	Double Swoosh Slide* 64"-96" Deck	174	\$ 2,924.00	\$ {146.20}	\$ 2,777.80	\$ 2,777.80
1	PlayBooster	Slides	124863F	SlideWinder2* 72" Deck	234	\$ 4,391.00	\$ {219.55}	\$ 4,171.45	\$ 4,171.45
1	PlayBooster	Slides	124863G	SlideWinder2* 96" Deck (DB Only), Use 182" Steel Posts Only, Order Separately	269	\$ 5,203.00	\$ {260.15}	\$ 4,942.85	\$ 4,942.85
1	Freestanding	Climbers	201889A	Jigleg Climber, Single Aluminum Posts (DB Only)	187	\$ 2,604.00	\$ {130.20}	\$ 2,473.80	\$ 2,473.80
1	Freestanding	Motion & i	1242189A	Chill* Spinner Direct Bury	92	\$ 2,532.00	\$ {126.60}	\$ 2,405.40	\$ 2,405.40
1	Signs	Motion & i	1182503C	Welcome Sign Ages 5-12 years direct bury	24	\$ -	\$ -	\$ -	\$ -
6	Freestanding	Swings	174018A	Belt Seat w/Chains ProGuard Chains for 8' Beam Height	8	\$ 157.00	\$ {7.85}	\$ 149.15	\$ 894.90
1	Freestanding	Swings	177332A	Single Post Swing Frame 8' Beam Height Only	213	\$ 1,574.00	\$ {78.70}	\$ 1,495.30	\$ 1,495.30
2	Freestanding	Swings	177333A	Single Post Swing Frame Additional Bay 8' Beam Height Only	129	\$ 1,171.00	\$ {58.55}	\$ 1,112.45	\$ 2,224.90
									\$ 93,059.15 LSI TOTAL

The following items/services are not available for discount on CT state contract through M.E. O'Brien and Sons.

Dunnage Industries					
QTY	Model #	Description	Price/unit	Total	
230	EWV	IFEMA Certified engineered wood fiber playground safety surfacing			
Cu-yd		12" depth	\$ 35.00	\$ 8,050.00	
Installation Services					
QTY	Model #	Description	Price/unit	Total	
		Demo and disposal of existing playground equipment		\$ 6,000.00	
		Excavation and disposal of approx 4550 sqft of material		\$ 10,900.00	
		Receive and offload equipment delivery			
		Layout and auger post holes			
		Assemble and install playground equipment, including concrete footings		\$ 39,450.00	
		Spread Approx 230 CY of EWF	\$ 25.00	\$ 5,750.00	
				Project Total	\$163,200.00
Spoils disposal location to be provided by Norwalk					
Priced using Prevailing wage rates					

Cu-yd	12" depth	\$	35.00	\$	8,050.00
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Installation Services

QTY	Model #	Description	Price/unit	Total
		Demo and disposal of existing playground equipment		\$ 6,000.00
		Excavation and disposal of approx 4550 sqft of material		\$ 10,900.00
		Receive and offload equipment delivery		
		Layout and auger post holes		
		Assemble and install playground equipment, including concrete footings		\$ 39,450.00
		Spread Approx 230 CY of EWF	\$ 25.00	\$ 5,750.00

Spills disposal location to be provided by Norwalk

Priced using Prevailing wage rates

Veoci Master Services Agreement for City of Norwalk, CT



Prepared for: Brian Weeks & AnaVivian Estrella

Prepared by: Natalie Monnett - Account Executive

Date: September 12, 2022

Proposal number: GWS7722418952



September 12, 2022

City of Norwalk, CT
City of Norwalk Purchasing Department
Attn: Sharon Conners, Procurement
125 East Avenue, Norwalk, CT
06856-5125

Dear Ms. Conners:

Veoci Inc. ("VEOCI") is pleased to offer the City of Norwalk (the "Customer") this Master Services Agreement and schedules (this "Agreement") for the use of VEOCI's Veoci software and the services described in the relevant order form ("Order Form"), which is attached as Schedule D.

RECITALS

- (a) VEOCI is the owner of, or has the right to grant access according to the terms of this Agreement, to certain cloud-hosted software applications, namely the Veoci Platform (defined below) available for access and use by Customer via <http://veoci.com>, as well as any additional services relating to its use as are set forth in the applicable Order Form (collectively, the "Service"), as contemplated under this Agreement.
- (b) This Agreement sets out the contracting framework between VEOCI and Customer in relation to the provision of the Service.
- (c) VEOCI agrees to provide the Service under the terms of an Order Form, as contemplated under this Agreement.

Veoci Inc. Executed By its Authorized Representative	City of Norwalk Executed by its Authorized Representative
	
Signature:	Signature:
Print Name: Christopher Ford	Print Name:
Title: VP of Sales & Partnerships	Title:
Date: 9-12-2022	Date:

MSA No. GWS7722418952
www.veoci.com | Natalie.monnett@veoci.com | 785.207.5227
Veoci Inc., 195 Church Street 14th Floor, New Haven, CT 06510



2



Agreement Structure, Order Form and Ordering

The Agreement is in four parts:

1. Schedule A: General Subscription Terms & Conditions
2. Schedule B: Service Level Agreement (SLA)
3. Schedule C: Support Agreement
4. Order Form.

The purpose of this Agreement is to:

- (a) establish a general contracting framework between the parties;
- (b) set out the terms governing the overall relationship between the parties under that contracting framework; and
- (c) set out the terms governing the provision of Service by VEOCI to Customer. In executing this Agreement and any Order Form, both parties have relied on certain supporting information provided, and representations made, by the other party prior to that execution.

Prior to commencing the provision of the Service, the parties must first execute an Order Form based on the template set out in Schedule D, or such other form or template that VEOCI provides to the Customer from time to time. Each Order Form

- (a) comes into force on the Term Start Date and continues until the Term End Date, as set out in the relevant Order Form, unless terminated in accordance with this Agreement or the relevant Order Form; and
- (b) constitutes a separate binding contract between Customer and VEOCI, for the Order Form Term.

An Order Form may include supplementary or additional obligations not otherwise set out in the Agreement. Unless the contrary intention is specifically expressed, if there is an inconsistency between the Agreement or an Order Form, the order of precedence shall be as follows: (a) the Agreement; (b) the Order Form.



SCHEDULE A. General Subscription Terms and Conditions

1. Definitions

"Agreement" means this agreement and schedules, which shall be effective as of the Effective Date (defined below).

"Confidential Information" means any information, maintained in confidence by the disclosing party, communicated in written or oral form, marked as proprietary, confidential or otherwise so identified, and any information that by its form, nature, content, or mode of transmission, a reasonable recipient would understand to be confidential or proprietary. Notwithstanding anything to the contrary, the Veoci Platform and related documentation and the Service are Confidential Information of VEOCI.

"Customer" means any customer who is party to an Order Form, contract, or agreement for Veoci SaaS with VEOCI.

"Customer Data" means all electronic data or information provided by Customer to the Service.

"Effective Date" means the date on which the Customer has signed this Agreement.

"Non-Users" means any individuals/persons who are not "Users" as defined below

"Order Form" means the order form for Service entered between VEOCI and Customer, including any exhibits or schedules thereto.

"Order Form Term" means the period from the "Term Start Date" to the "Term End Date", as set out in an Order Form.

"Primary Contact" means Customer's primary technical contact with VEOCI in-connection-with the Service.

"Service" means VEOCI's provision of the Veoci Platform for access and use by Customer via <http://veoci.com>, as well as any additional services relating to its use as are set forth in the applicable Order Form.

"Term End Date" for an Order Form, means the date specified as the "Term End Date" in that Order Form.

"Term Start Date" for an Order Form, means the date specified as the "Term Start Date" in that Order Form.

"User Guide" means the online Veoci Platform user manuals for the Service accessible via <http://veoci.com>, as updated by VEOCI.

"Users" means the individuals/persons who are authorized to access and use the Service and who have been provided individual user identifications and passwords by Customer (or by VEOCI at Customer's request). Users may be Customer employees, Customer third party consultants, contractors or agents. (Third parties may access and use the Service solely for the benefit of Customer's internal business purposes in accordance with the provisions of this Agreement.) Individuals using a common login or user ID, directly or through another system, are to be counted separately.

"VEOCI" means Veoci, Inc.

"Veoci Platform" means VEOCI's software-as-a-service platform (SaaS) for digital business processes.

"Virus" (i) any computer code designed to disrupt, disable, harm, or otherwise impede the operation of the Service, including Customer's access to the Service and processing of data using the Service, or the operation of any associated system or network, or (ii) any other similar harmful, malicious, or hidden procedures, routines, or mechanisms that would cause the Service to malfunction or cause damage to or corruption of data, storage media programs, equipment or communications, or otherwise interfere with operations.

MSA No. GWS7722418952

www.veoci.com | Natalie.monnett@veoci.com | 785.207.5227

Veoci Inc., 195 Church Street 14th Floor, New Haven, CT 06510





2. Provision of Service

- (a) VEOCI will provide the Service to Customer in accordance with the terms of this Agreement and the applicable Order Form. VEOCI grants Customer a non-transferable and nonexclusive right to access and use the Service for the sole purpose of supporting the internal operations of Customer's business and to process Customer's own data.
- (b) The following procedures will apply to the Service:
 - (i) VEOCI will send an email to Customer's Primary Contact setting forth the information necessary for initial use of the Service. Customer shall provide the information requested in such email to VEOCI.
 - (ii) VEOCI will provide Service status and maintenance notifications by email to Customer's Primary Contact.
 - (iii) Customer will notify VEOCI via email at support@veoci.com with respect to any issues related to the Service.
- (c) From time to time, with respect to the Service and at an additional fee, VEOCI may offer additional functionality. Such additional functionality will be offered and agreed under a separate agreement between the parties. Customer hereby agrees that Customer's purchase of the Service pursuant to this Agreement is neither contingent on the delivery of any future functionality or features nor dependent on any oral or written public comments made by VEOCI regarding future functionality or features.
- (d) The Service may be accessed and used solely by a licensed User. Unless otherwise specified in the applicable Order Form between the Customer and VEOCI;
 - (i) Services are purchased as User subscriptions and may be accessed by no more than the specified number of Users;
 - (ii) additional User subscriptions may be added during the applicable subscription term at the same pricing as that for the pre-existing subscriptions thereunder, prorated for the remainder of the subscription term in effect at the time the additional User subscriptions are added; and
 - (iii) the added User subscriptions shall terminate on the same date as the pre-existing subscriptions. User subscriptions are for licensed Users only; User identification and passwords shared or used by more than one individual, will require user licenses for each individual.
- (e) A User subscription may only be reassigned to a new User replacing a former User when the former User
 - (i) is no-longer an employee, third-party consultant, agent, or contractor of Customer, or
 - (ii) has been reassigned to a new position within Customer's organization such that they no longer require ongoing use of the Services.For the avoidance of doubt, any individual registered as a User on Veoci shall be counted as a User for the full Term unless in the case of (i) or (ii) above.

3. Limitations and Processes

- (a) Third-party interfaces, software, hardware, or other services which are associated with, or otherwise available through the Service shall be accessed and used by Customer and Users in their sole discretion. VEOCI shall have no responsibility or liability with respect to Customer's or any Users' access to or use of any such items or for any act or omission of any such third-party provider.
- (b) VEOCI's performance under this Agreement shall be excused as a result of Customer's
 - (i) failure to comply with its obligations as set forth herein;
 - (ii) failure to provide VEOCI with information reasonably deemed by VEOCI to be necessary to assist VEOCI in its performance under this Agreement; or



- (iii) delay, prevention or interference with VEOCI's performance under this Agreement.
- (c) During normal business hours and no more than twice per year, on reasonable advance notice, describing the purpose and scope of the request and in a manner that does not unreasonably interfere with Customer's business operations, VEOCI or a VEOCI-designated third-party may audit Customer's use of and access to the Service to verify Customer's compliance with this Agreement.

4. Entries by Non-Users

- (a) As part of the Service Customer shall have the ability to create external facing forms and workflows that can be accessed and completed by both Users and Non-Users ("External Forms"). Form submissions ("Entries") in non-user forms may be created by Customer employees, consultants, contractors or agents, or by third parties. Customer shall be responsible for all activities that occur in or are related to their use of these External Forms. There is no limit to the number of External Forms a customer can create as part of their use of the Service, however the number of Entries created by Non-Users ("Non-User Entries") shall be limited as set forth in Section 4(b).
- (b) Each individual Entry made by a non-user in an External Form shall be counted as one Non-User Entry. The total number of Non-User Entries shall be counted as the sum of all Non-User Entries made in all Customer External Forms over the course of one (1) year. Entries in External Forms made by Users under this agreement shall not be counted as Non-User Entries. As part of the Service, Customer shall be allotted a set number of Non-User Entries in External Forms per Order Form Term. The number of Non-User Entries available to Customer each Order Form Term shall be equal to twice their total license costs in USD (after any credits or discounts) for that Order Form Term as specified in the applicable Order Form. Additional Non-User Entries may be purchased at the price set forth in the Optional Services Table in Schedule D or negotiated separately. Unused Non-User Entries will expire at the end of the Order Form Term and do not roll over. If Customer purchases additional licenses in the middle of their Order Form Term, they will be allotted additional Non-User Entries based on the cost of the additional licenses.
- (c) Once per year, VEOCI shall assess Customer's use of External Forms. If it is found that the number of Non-User Entries in Customer External Forms exceeds Customer's allotted number of Non-User Entries, then VEOCI may require customer to:
 - (i) purchase additional Non-User Entries for the following Term;
 - (ii) purchase additional User Licenses for the following Term; or
 - (iii) reduce their use of External Forms.

5. Use of Interfaces and APIs

- (a) Typically, customers integrate Veoci with their other applications using APIs. The license includes use of APIs in Veoci, and reasonable usage of APIs is included in VEOCI's standard pricing. VEOCI reserves the right to impose a reasonable fee for API usage on the transfer of data to and from Veoci if the usage is deemed excessive by VEOCI.

6. Customer Responsibilities

- (a) Customer will provide VEOCI with the contact details for its Primary Contact on the Effective Date of this Agreement and will notify VEOCI of any changes as necessary on an ongoing basis. Customer is responsible for having the hardware and software adequate for use of the Service.
- (b) Customer is responsible for all activities that occur in, or are related to, User accounts and for Users' compliance with this Agreement. Customer shall: (i) have sole responsibility for the accuracy,



- quality, integrity, legality, reliability, and appropriateness of all Customer Data; (ii) prevent unauthorized access to, or use of, the Service, and shall notify VEOCI promptly of any unauthorized access or use; and (iii) comply with all applicable local, state, federal and territorial laws and regulations ("Laws") in accessing and using the Service.
- (c) Customer shall use the Service solely for its internal business purposes as contemplated by this Agreement and shall not:
- (i) license, sublicense, sell, resell, rent, lease, transfer, assign, distribute, time share or otherwise commercially exploit or make the Service available to any third party, other than to Users or as otherwise contemplated by this Agreement;
 - (ii) send spam or otherwise duplicative or unsolicited messages in violation of applicable Laws;
 - (iii) send or store infringing, obscene, threatening, or otherwise unlawful material that is harmful to children or violates third party privacy rights;
 - (iv) interfere with or disrupt the integrity or performance of the Service or the data contained in the Veoci Platform;
 - (v) use the Service to store or transmit any Viruses;
 - (vi) attempt to gain unauthorized access to the Service or its related system or networks; or
 - (vii) monitor the availability, performance or functionality of the Services, or access the Services for any other benchmarking or competitive purposes.
- (d) Customer is responsible for its compliance with all applicable data protection and privacy protection Laws. Customer represents to VEOCI that:
- (i) it will provide only that personal data that it is authorized to provide to VEOCI, and will do so lawfully in compliance with applicable Laws;
 - (ii) VEOCI or its subcontractors may process such data for the purposes described in this Agreement; and
 - (iii) VEOCI may disclose such data to its subcontractors for this purpose.
- (e) Customer shall not access the Services, and VEOCI may immediately terminate this Agreement, if VEOCI determines, in its reasonable discretion, that Customer is a competitor of VEOCI.

7. Fees and Payment

- (a) Customer will pay VEOCI the fees set forth in the Order Form for setup of User access to the Veoci Platform, use of the Service and any other services or products described therein.
- (b) All payments are due within thirty (30) days from date of invoice. If Customer's account is thirty (30) days or more overdue, VEOCI may:
- (i) recover one and a half percent (1.5%) interest per month;
 - (ii) suspend the Service upon at least two (2) business days' notice to Customer without liability until any such amounts are paid in full; and
 - (iii) exercise any of its other rights or remedies.
- (c) Unless otherwise expressly provided, VEOCI's fees do not include any direct or indirect local, state, federal or foreign taxes, levies, duties or similar governmental assessments of any nature, including value added, use or withholding taxes (collectively, "Taxes"). Customer is responsible for paying all Taxes associated with Customer's purchases hereunder, excluding taxes based on VEOCI's net income or property.
- (d) The fees and pricing agreed upon between the Customer and VEOCI in the Order Form(s) assume that the Customer's labor force will remain substantially the same size during the term of this Agreement. Therefore, if (i) Customer's labor force experiences a material increase after the effective date of this Agreement, whether by acquisition, merger, consolidation, organic growth by



hiring, or otherwise, and such Customer has purchased an unlimited User Service, VEOCI may at its option terminate such Agreement and may offer the Service to the Customer on a per user basis at the rate indicated in the Veoci Platform price list at that time.

8. Customer Data

- (a) As between VEOCI and Customer, Customer exclusively owns all rights, title and interest in and to all Customer Data. Customer Data is Confidential Information of Customer. Recovery of any Customer Data deleted by Customer shall be Customer's responsibility.
- (b) Subject to VEOCI's responsibilities set forth in Section 9, VEOCI will not be responsible for any unauthorized access to or alteration, theft or destruction of Customer Data through accident, fraudulent means or devices, or any other method.

9. Confidentiality; Privacy

- (a) In the course of performance under this Agreement, one party (the "Disclosing Party") may disclose, deliver or permit access by the other party (the "Receiving Party") to its Confidential Information. The Receiving Party shall hold the Disclosing Party's Confidential Information in strictest confidence and shall not disclose or provide such Confidential Information to any third party except as expressly provided in this Section. The Receiving Party shall not make any use of the Confidential Information except such limited uses as are required or permitted under this Agreement, shall cause its employees, agents, financial advisors, attorneys, and Users to maintain such Confidential Information in complete confidence, and shall disseminate such Confidential Information only on a need-to-know basis. Upon expiration or termination of this Agreement, or at any time upon the Disclosing Party's request, the Receiving Party shall promptly return or, at the Disclosing Party's option, destroy all of the Disclosing Party's Confidential Information, and all copies of and other materials containing such Confidential Information. The Receiving Party shall have no obligation under this Section 9 with respect to any Confidential Information that the Receiving Party can demonstrate by reasonable written evidence:
 - (i) was already known to it at the time of its receipt without restriction on its disclosure;
 - (ii) is or becomes generally available to the public other than by breach of this Agreement;
 - (iii) is independently obtained from a third party whose disclosure to the Receiving Party does not violate a duty of confidentiality;
 - (iv) is independently developed without use or reference to any of the Disclosing Party's Confidential Information.

If the Receiving Party is required by a court or other body of competent jurisdiction to disclose the Confidential Information, the Receiving Party may disclose only so much Confidential Information as is legally required, and the Receiving Party will promptly notify such compelled disclosure to the Disclosing Party if permitted by Law to do so. In addition, Customer shall not, without the prior written consent of VEOCI, disclose publicly or to any third party (excluding employees of Customer with a need to know), the terms and conditions of this Agreement or any Order Form or any related negotiations between the parties, except to the extent required by law.

- (b) In the event of a breach of this Section 9, the Disclosing Party may not have an adequate remedy at Law. The Disclosing Party may seek temporary and/or permanent injunctions, specific performance or any other form of equitable relief. For the Veoci Platform, the Service and any other trade secrets, the obligations of this Section 9 shall continue for so long as the information remains a trade secret, and for all other Confidential Information, the obligations shall extend for five (5) years from the expiration or termination of this Agreement.

10. Proprietary Rights

- (a) VEOCI and its licensors (if any) shall retain all right, title, copyright, patent, trademark, trade secret and all other proprietary interests to the Veoci Platform, the Service and to all VEOCI intellectual property and any enhancements, modifications or derivatives of any of the foregoing. Customer may not distribute, promote, or otherwise use any information or materials relating to the Veoci Platform or the Service for any external use without VEOCI's prior written consent or as otherwise specifically permitted in this Agreement. No copyright, patent, trademark, trade secret or other right of intellectual property not expressly granted under this Agreement is exchanged between the parties. Subject to Customer's ownership of the Customer Data, VEOCI retains all rights to any related work product delivered under this Agreement and Customer acknowledges and agrees that it obtains no rights to such work product. Customer shall not:
- (i) modify, copy or create derivative works based on the Veoci Platform or the Service;
 - (ii) frame or mirror any content forming part of the Veoci Platform or the Service, other than on Customer's own intranets or otherwise for its own internal business purposes in accordance with this Agreement;
 - (iii) reverse engineer the Veoci Platform or the Service; or
 - (iv) access or use the Veoci Platform or the Service to build a competitive product or service, or copy any ideas, features, functions or graphics of the Veoci Platform or the Service.
- VEOCI shall own any and all rights to, and may use or incorporate into the Service, any suggestions, enhancement requests, recommendations or other feedback provided by Customer or its Users relating to the operation of the Service.

11. Warranty

- (a) Each party represents and warrants to the other that it has the power and authority to enter into and perform its obligations under this Agreement.
- (b) VEOCI represents and warrants to Customer that:
- (i) it owns or otherwise has sufficient rights in the Veoci Platform to grant to Customer the rights to access and use the Service granted in this Agreement; and
 - (ii) it has taken commercially reasonable steps to test the Service for Viruses.
- (c) VEOCI DOES NOT REPRESENT OR WARRANT THAT ALL ERRORS WILL BE CORRECTED OR THAT THE VEOCI PLATFORM WILL RUN ERROR FREE OR UNINTERRUPTED. EXCEPT AS EXPRESSLY SET FORTH ABOVE, TO THE EXTENT PERMITTED BY LAW, NO OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED THIRD-PARTY WARRANTIES OR IMPLIED WARRANTIES OF MERCHANTABILITY, SUITABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE BY VEOCI AND VEOCI MAKES NO WARRANTIES WITH RESPECT TO ANY HARDWARE EQUIPMENT OR THIRD-PARTY SOFTWARE THAT VEOCI MAY USE TO PROVIDE THE SERVICE OR CUSTOMER MAY USE TO ACCESS THE SERVICE.
- (d) Customer represents and warrants to VEOCI that:
- (i) Customer has the right to transmit to VEOCI, and receive from VEOCI, all data, material and records, including the Customer Data that Customer provides to VEOCI and that are required to enable VEOCI to perform the Service and any other of its obligations under this Agreement; and
 - (ii) it will use reasonable commercial efforts to prevent the inclusion of Viruses while it and its Users access the Service.



12. Limitation of Liability

- (a) Except for death or personal injury and VEOCI's indemnity obligations in Section 13, VEOCI's liability for direct damages, loss or liability for any cause, and regardless of the form of action will be limited to the total amount of fees payable by Customer under this Agreement over the six (6) months prior to the date that the action arose.
- (b) THE REMEDIES PROVIDED IN THE AGREEMENT TO CUSTOMER ARE THE CUSTOMER'S EXCLUSIVE REMEDIES. EXCEPT WITH RESPECT TO ITS INDEMNIFICATION OBLIGATIONS IN SECTION 13, IN NO EVENT SHALL VEOCI BE LIABLE TO THE CUSTOMER OR ANY OTHER PARTY, WHETHER IN CONTRACT, TORT, OR OTHERWISE, FOR ANY INCIDENTAL, INDIRECT, PUNITIVE, EXEMPLARY, SPECIAL, CONSEQUENTIAL OR UNFORESEEABLE LOSS, DAMAGE OR EXPENSE, LOSS OF PROFITS, LOSS OF BUSINESS, LOSS OF OPPORTUNITY, LOSS OR CORRUPTION OF DATA, HOWEVER ARISING, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES BEING INCURRED.

13. Indemnification

- (a) VEOCI agrees to defend and indemnify Customer from and against, or at its option settle, any third-party claims (each a "Claim") that the Service or the Veoci Platform alone, and not in combination with any other product or program, infringes any third-party intellectual property rights. VEOCI may, at its option and at its own cost, procure for Customer the right to continue to use the Service; repair, modify or replace the Service or Veoci Platform so that it is no longer infringing; or provide a pro rata refund of the fees paid based on the then-current term. VEOCI shall have no liability under this Section if the allegation of infringement is a result of:
 - (i) a modification of the Veoci Platform by anyone other than VEOCI,
 - (ii) the Customer or any User not using the Service in accordance with the User Guide,
 - (iii) or a work product that was produced at Customer's specific direction.THE FOREGOING STATES VEOCI'S ENTIRE LIABILITY AND OBLIGATIONS REGARDING CLAIMS OF INFRINGEMENT, AND THE EXCLUSIVE REMEDY AVAILABLE TO CUSTOMER WITH RESPECT TO ANY ACTUAL OR ALLEGED INFRINGEMENT OF ANY INTELLECTUAL PROPERTY OR OTHER PROPRIETARY RIGHTS.
- (b) Customer, to the extent permitted by law, agrees to defend and indemnify VEOCI from and against, or at its option settle, all Claims made or brought against VEOCI:
 - (i) arising out of Customer's use of the Service;
 - (ii) alleging that the Customer Data, Customer's materials or records, or Customer's use of the Service in violation of this Agreement, infringes the intellectual property rights of, or has otherwise harmed, a third party; or
 - (iii) alleging that VEOCI's use of the Customer Data as contemplated in this Agreement is not authorized.
- (c) A party's indemnification obligation is contingent upon:
 - (i) the indemnified party providing prompt notice to the indemnifying party of any such Claim and assistance in its defense;
 - (ii) the indemnifying party's sole right to control the defense or settlement of any such Claim, except that any settlement requiring a payment or admission of liability on the part of the indemnified party is subject to the indemnified party's prior approval, not to be unreasonably withheld or delayed; and
 - (iii) that the indemnified party shall not take any action or omit to take action that hinders the defense or settlement process, as reasonably directed by the indemnifying party.



14. Term and Termination of Agreement and Order Form

- (a) This Agreement shall enter into effect on the Effective Date and shall continue until terminated in accordance with below. Notwithstanding (b) and (c) below, the terms of this Agreement shall continue to apply to any surviving Order Form for the duration of such Order Form Term.
- (b) As stated above, any Order Form shall start on the Term Start Date and end on the Term End Date. Such Order Form Term will automatically renew for additional periods equal to the expiring Order Form Term or one year (whichever is shorter) unless either party gives the other notice of non-renewal at least sixty days before the end of the relevant Order Form Term. The pricing during any automatic renewal will be the same as that during the immediately prior Order Form Term unless VEOCI gives Customer a written notice of a price increase at least sixty (60) days before the end of the prior Order Form Term, in which case the pricing increase will be effective upon renewal and thereafter. Any such pricing increase shall not exceed seven percent (7%) of the pricing for the prior year unless the pricing in the prior year was designated as promotional or special rate.
- (c) Either party shall have the right to terminate this Agreement and/or any Order Form:
 - (i) upon thirty (30) days written notice to the other party of a material breach of the terms of the Order Form and/or Agreement, and such breach remains uncured at the expiration of such period after which written notice is given to the breaching party;
 - (ii) subject to any applicable mandatory Law, if a party becomes insolvent or if bankruptcy or receivership proceedings are initiated by or against a party; or
 - (iii) upon the Customer exercising its right to terminate this Agreement and/or any Order Form for any reason in its sole discretion by giving a sixty (60) day written notice to VEOCI at any time during the Order Form Term.
- (d) If Customer gives VEOCI a notice of termination as described in this section, VEOCI will cease to perform the Services at the end of the Order Form Term using reasonable care in concluding its Provision of Services. Upon termination of the Order Form, however caused, Customer shall:
 - (i) Pay to VEOCI all outstanding invoices and sums owed which have accrued up to the end of the current term at the time of termination;
 - (ii) at VEOCI's option, either return to VEOCI or destroy all confidential information which it has obtained from VEOCI, and
 - (iii) have no claims for damages or compensation for loss of goodwill or like thereof against VEOCI
 - (iv) have no claims for the return any payment made prior to the time of termination

15. Waiver of Jury Trial and Choice of Law

- (a) THE PARTIES HEREBY IRREVOCABLY WAIVE, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL RIGHTS TO TRIAL BY JURY IN ANY ACTION, PROCEEDING, OR COUNTERCLAIM RELATING TO THIS AGREEMENT. The Agreement shall be construed and governed in accordance with the laws of the State of Connecticut (excluding its conflict of laws provisions), unless Customer is a municipality or other government organization in the United States in which case Customer's local jurisdiction will apply.

16. Miscellaneous

- (a) Customer may not assign this Agreement, the use of the Service or any other of its rights and obligations under this Agreement without VEOCI's prior written consent. This Agreement shall be binding on the parties and their respective successors and assigns. VEOCI shall have the



- unrestricted right to
- (i) assign all of its rights and obligations under this Agreement; and
 - (ii) subcontract all or part of its performance under this Agreement.
- (b) Customer authorizes VEOCI to display Customer's name and logo in non-public presentations to prospective clients and also on its website, Veoci.com, to identify Customer as a user of Veoci. VEOCI shall not use the Customer's name and logo or any other identifying marks in any other way without Customer's prior written approval
- (c) Customer shall not export or use the Service in violation of applicable Laws.
- (d) The Services, other technology that VEOCI makes available, and derivatives thereof, may be subject to export laws and regulations of the United States and other jurisdictions. Customer represents that it is not named on any U.S. government denied-party list. Customer shall not permit Users to access or use Services in a U.S.-embargoed country or in violation of any U.S. export law or regulation.
- (e) Neither party is an agent or contractor of the other, and this Agreement does not confer or delegate upon a party any discretionary authority or control on behalf of the other party.
- (f) Each party shall be excused from performance of its obligations under this Agreement for any period and to the extent that it is prevented from performing such obligations, in whole or in part, as a result of delays caused by circumstances beyond its reasonable control, including an act of God, severe weather, hurricane, earthquake, flood, war, civil disturbance or civil commotion, terrorism, court order, or any other cause over which such party does not have control, including internet or communication problems (including an internet service provider's or hosting facility's failures or delays involving hardware, software or power systems not within VEOCI's possession or reasonable control), third-party hardware or software errors, Viruses or similar harmful programs or data, or unauthorized access or theft (any of the foregoing, a "Force Majeure Event").
- (g) This Agreement supersedes all other prior or contemporaneous agreements, letters, offers, quotations, proposals, purchase orders, representations and other understandings, whether oral or written, on the subject matter of this Agreement and, along with any executed Order Form(s), contains the entire agreement between the parties. No alteration or modification of this Agreement or Order Form will be valid unless made in a writing signed by the parties.
- (h) There shall be no third-party beneficiaries to this Agreement.
- (i) All notices required or permitted under this Agreement hereunder shall be delivered to the other party either personally, or by telefax, email, certified or registered mail (return receipt requested), or overnight courier. If delivered personally, notice shall be effective when delivered; if delivered by telefax or email, notice shall be effective upon electronic confirmation; and if delivered by mail or overnight courier, notice shall be effective upon confirmation of delivery.
- (j) The section headings in this Agreement are for informational purposes only and shall not affect the interpretation of any provision of this Agreement. When used in this Agreement, "including" and word(s) of similar import mean "including without limitation."
- (k) If any provision of this Agreement shall be held to be invalid, illegal or unenforceable, it shall be deemed severed from this Agreement and shall not affect in any respect the remainder of this Agreement.
- (l) The sections entitled "Warranty," "Limitation of Liability," "Customer Data," "Fees and Payment," "Indemnification," "Confidentiality; Privacy," "Proprietary Rights" and Customer's obligation to pay any outstanding fees due shall survive expiration or termination of this Agreement.



SCHEDULE B. Service Level Agreement

Capitalized terms that are not otherwise defined in this Schedule B shall have the meaning set forth in the Subscription Terms and Conditions.

1. Introduction

The measurements and service levels set forth in this Schedule B are designed to provide an objective measurement of VEOCI's performance of the Service (each an "SLA"; collectively, "SLAs"). The SLAs may be reviewed and adjusted as mutually agreed upon in writing by the parties.

2. Reporting

VEOCI agrees to provide to Customer, within sixty days of its receipt of a written request from Customer, a quarterly electronic report to verify VEOCI's performance against the SLAs. VEOCI agrees to investigate and correct failures to meet the SLAs by:

- (a) initiating investigations to determine the root cause of the failure;
- (b) using commercially reasonable efforts to correct the issue;
- (c) advising Customer as reasonably requested by Customer of the status of efforts being undertaken with respect to the issue; and
- (d) providing reasonable evidence to Customer that the cause of the issue is being corrected or will be corrected.

3. SLA Definitions and Measurements

"Minor Default" is deemed to occur when VEOCI's performance against an SLA falls in the range of performance in which a minimum SLA credit is granted to Customer.

"Major Default" is deemed to occur when VEOCI's performance against an SLA falls in range of performance in which a maximum SLA default credit is granted to Customer.

"Scheduled Downtime," means the planned downtime, of which VEOCI has notified Customer at least 72 hours in advance.

"Service Level Default" means that VEOCI's performance fell below the established SLA during a measurement period.

"Service Level Credit" means the amount of additional Service the Customer will be credited for the applicable Service Level Default during the measurement period.

"Target Service Level" means the expected performance range, within which no Service Level Default is assessed, and no Service Level Credit is granted.

Measurement periods are monthly, in arrears, with Service Level Defaults and Service Level Credits being calculated monthly. Any Service Level Credits shall be credited to the Customer annually in arrears, as applicable. The SLA's set forth in this Schedule shall be Customer's sole and exclusive remedy related to the SLA default and such Service Level Credits are in lieu of other available remedies such as damages for breach of contract.

4. Exceptions

The following items will not be considered as a part of the calculation of Service Level Credits and VEOCI will be relieved of responsibility for SLAs and associated Service Level Credits to the extent VEOCI's failure to meet the SLA(s) is determined by the parties, to be due to:

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- (a) Force Majeure Events as defined in the Agreement;
- (b) Outages resulting from Scheduled Downtime, including VEOCI's upgrading of data center infrastructure.
- (c) Outages arising from Customer's network being inaccessible.
- (d) Domain Name Server (DNS) issues outside of the control of VEOCI.
- (e) Customer's acts or omissions (including acts or omissions of a third party not acting on behalf of VEOCI), including, without limitation, custom configuration, scripting, coding, negligence, failure to timely perform or provide relevant assistance, information or infrastructure required of Customer or willful misconduct.
- (f) Internet outages, or other third-party infrastructure outages which hinder access to VEOCI's environment.
- (g) Outages requested by Customer.
- (h) Changes by Customer, or its agents, to Customer's environment which are not communicated to VEOCI and which adversely impact VEOCI's ability to perform the Service.
- (i) Inability of Customer to log in due to Customer's use of LDAP or other single sign-on methods to control authentication.

5. Service Level Measurement

- (a) **Service Area:** Production Uptime
- (b) **Objective:** VEOCI to provide 99.5% monthly uptime for Production Software Instances
- (c) **Measurement:** For Production availability, the Production downtime shall be measured as the aggregate number of minutes during the monthly measurement period in which the Service was unavailable, divided by the total number of minutes in the monthly measurement period. The period of unavailability shall be measured from the point-in-time that such unavailability is or reasonably should have been detected by VEOCI.
 - (i) $(\text{Uptime \%} = [1 - (\text{downtime} / \text{Production}) * 100\%])$. For example, if hosting is unavailable for a total of 200 minutes in a 30-day month, then Production Uptime is $[1 - (200 / 43,200) * 100\%] = 99.5\%$
- (d) **Target Service Level:** Production Uptime is greater than or equal to 99.5%
- (e) **Minor Default:** Production Uptime is less than 99.5% but greater than or equal to 98%
- (f) **Major Default:** Production Uptime is less than 98%
- (g) **Measurement Period:** Measured on a monthly basis. VEOCI will measure the Production Uptime for each downtime event and in the aggregate each month during the Term, and, upon written request of Customer, report the results to Customer within ten (10) business days of the of the request.
- (h) **Service Level Credits:** Minor Default = credit of one (1) additional day of the Service as an extension of the term of the Agreement.
- (i) **Major Default** = credit of two (2) additional days of the Service as an extension of the term of the Agreement



SCHEDULE C. Support Agreement

1. Included Support:

- (a) **Support Center.** The VEOCI team will provide support from a support center via e-mail, an Internet based Client support tool (English version only), and telephone. All support services shall be provided in English language, unless otherwise specified in this Agreement.
 - (i) Phone: 203-782-5944
 - (ii) Internet based Client support tool: <https://support.veoci.com/>
 - (iii) Email: support@veoci.com
- (b) **Hours of Support Center Operation.** Support center is available twenty-four (24) hours per day, seven (7) days per week
- (c) **Requesting Support.**
 - (i) Customer will identify the severity level (defined below) of the incident when requesting support from the support center
 - (ii) If all support center representatives are busy with other calls, a message will be left on the voicemail response system, which will page appropriate support personnel
 - (iii) The VEOCI team will target to meet and exceed defined service level metrics defined in this Schedule
- (d) **Non-Critical Issue:** System performance or bug affecting some users that **does not** prevent a customer from using the software to respond to a crisis.
 - (i) Response Time: 2 business days
 - (ii) Channel: Email, web, or general support phone number.
- (e) **Critical Issue:** System performance or bug affecting all users that prevents a customer from using the software to respond to a crisis.
 - (i) Response time: 2 business hours
 - (ii) Channel: Email, web, or general support phone number
- (f) **Crisis Issue:** System outage or severe bug preventing customer from using the software during their response to a crisis.
 - (i) Response Time: 30 minutes (24x7)
 - (ii) Channel: Emergency phone number
- (g) **Crisis Support:** General questions, support, or assistance in the instance where: the Veoci Platform is fully operational, it is outside of VEOCI's normal business hours, but the customer is responding to a crisis and needs support.
 - (i) Response Time: 30 minutes (24x7). May be subject to \$200 hourly rate.
 - (ii) Channel: Emergency phone number
- (h) Business Hours: M-F 1:30AM -7PM Eastern Time





SCHEDULE D. Order Form

1. Term of this Order Form

The Service will be available to Customer from: **Term Start Date of October 3, 2022 to Term End Date of October 2, 2023** (the "Order Form Term") in exchange for the fees described in Section 3 below, and pursuant to the terms of the Agreement.

The fees and terms offered in the Agreement and herein are contingent upon execution and delivery to VEOCI of a signed acceptance of the Agreement and Order Form no later than thirty (30) days from the date of this Order Form. Otherwise, this Order Form shall be deemed null and void. In the event that VEOCI countersigns this Order Form, the foregoing sentence shall not be deemed to apply.

2. SaaS, Support and Training, and Implementation

2.1 Software as a Service ("SaaS")

2.1.1. Applications

Customer plans to use the Service for daily operations for the health department and community services.

2.1.2. Number of Users

During the Term of this Order Form, Customer is permitted to register a maximum of 46 standard identities as Service users.

2.1.3. Non-User Entries

Service includes the capability to create Non-User Entries in Forms. The number of Non-User Entries available to Customer during the Order Form Term is set forth in the Fee Table in Section 3.1. As needed, additional Non-User Entries may be purchased at VEOCI's standard rates specified in the Optional Services table in Section 3.2.

2.1.4. Document Storage

VEOCI will provide up to 200 GB (gigabytes) of online storage of documents, photos, and other electronic documentation ("Documents") to Customer. Additional storage can be purchased at VEOCI's standard rates specified in the Optional Services table in Section 3.2.

2.1.5. Integrated Telephone & SMS Capability

Service includes the capability to automatically send and receive SMS and to dial global phone numbers as needed and also use text to speech conversion to read out messages. The SMS and phone calls from the Veoci Platform connect with users who may not be on-line and whose participation is urgently needed. The Veoci Platform integrates this service from a 3rd party supplier and charges can vary based on target country and type of connection. Domestic service to the US is included in the pricing; international calling to other countries is excluded.

2.2 Support and Training

2.2.1 Software Enhancements

VEOCI will provide maintenance, support, and periodic enhancements to the Service pursuant to

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the Subscription Terms. Typically, VEOCI pushes enhancements out in a two-week cycle; these changes are small and designed to make their introduction easy.

2.2.2 Training Offerings

Definitions - Administrators & Users:

"Administrators" are staff who will design and edit the Veoci Platform to build or maintain solutions/applications.

"Users" means people who will be utilizing the system functionally.

Veoci is simple, intuitive, and easy to use, so most Users need only an introductory training to become familiar with basic navigation and functional use of a Veoci solution.

While several training options are available, they are only recommended for those who wish to expand their knowledge of Veoci, play an active role in customizing Veoci on their own and perhaps develop and add more applications; Veoci is sold by registered user and with some exceptions, there is no additional charge for applications that customers develop on their own.

- (a) Two-day Administrator training sessions (Boot Camp Training) are typically scheduled monthly at various locations throughout the US. The fee is \$950 per person. We recommend administrators attend Boot Camp Training, as they will be responsible for training End-Users and maintaining the Customer solution.
- (b) Remote Administrator Training is also available. These training sessions are similar to an on-site session but will exclude class exercises. Also, the content of Remote Training will vary slightly due to the changed medium and will be set up as multiple 90-minute sessions. These Remote Administrator Training sessions and additional training sessions both on-line and on-site, are available at VEOCI's standard professional service rates.
- (c) Administrators and Users generally benefit from participating in two (2) Veoci free online training offerings: Veoci Basics Webinar (1) Is a 90-minute capabilities presentation that is offered every 2 weeks. Veoci Fundamentals Training (2) is a self-directed offering that is available every 2 weeks. Students are given 2 weeks to complete training that is expected to take about 5 hours if uninterrupted. In this fundamentals training, users learn Veoci communication features and basic navigation in the Veoci Interface.
- (d) Customers who purchase Business Continuity (BC) Solutions, Incident Management (IM) Solutions or Airport Solutions (AIR) are encouraged to take a Veoci Solutions training aligned with the purchased solution, although these training offerings are not considered essential for administrators. The solutions-specific training sessions are \$950 and offered online (3 days, 5 hours per day) and in person over 2, 8-hour days. The Veoci Fundamentals Training is a pre-requisite for taking the solutions training.
- (e) Customer who purchases a Veoci solution other than BC, AIR, or IM are encouraged to take Level 1 Admin Boot Camp Training that gives a broad overview of using Veoci as an administrator to manage Veoci users, create workflows, Forms, Plans and Dashboards. The cost is \$950, and the training is offered on site over 2, 8-hour days and online over 3, 5-hour days. A Level 2 Admin Boot Camp is also available to provide instruction for additional technical features not covered in Level 1 Training. The Level 2 Admin Training is the same cost and duration(s) as level 1 Admin Boot Camp.



2.3 Implementation

Once the contact information of users is put into the Veoci Platform, Customer will be able to use the primary features of the system immediately out-of-the-box: real-time activity log, chat, maps, assigning and tracking tasks, general notification/response, file management, mobile access, etc. Some basic configuration of the data will be needed to make the Veoci Platform aware of the specific environment, resources, processes, plans and needs of Customer. This could include location and status of resources; dashboards for the EOC or management; workflows for processes; specific notification messages; pre-defined plans for various incidents, etc.

VEOCI will assist and provide knowledge transfer to the primary Customer administrators/power users, to get the Veoci Platform configured for the Customer environment and needs.

The details of any implementation and professional services to be provided under this agreement shall be set forth in an applicable SOW. As needed, additional training or professional services, both on-line and on-site, may be procured at VEOCI's standard rates below. Professional services and consulting hours must be used by the Term End Date set forth in Schedule D, Section 1; unused professional services and consulting hours do not roll-over to the following Term.

3. Financial Specifications

3.1 Fees & Term

Recognizing the value of the Customer's business, VEOCI offers the Customer the following fees for the term specified in Schedule D, Section 1 – Term of this Order Form:

QTY	DESCRIPTION	ANNUAL SUBSCRIPTION
46	Veoci Standard Named Licenses (T4)	\$15,939.00
1	Up to 32,000 Non-User Form Entries (External Forms) Included	\$0.00
1	Active Directory Integration Implementation	\$950.00*
1	Single Sign On (SSO) (SAML Based)	\$950.00*
	Support, Hosting	Included
	- Total - Annual	\$17,839.00

*Standard Integrations are \$950 per implementation, all other integrations must be scoped, priced, and documented in an SOW after a technical discovery call

QTY	DESCRIPTION	ONE-TIME FEE
1	Implementation of Veoci	\$24,300.00
48	Professional Services @\$200/hour	\$9,600.00
2	Administrator Training Credits - 3 days, 5 hours/day (per person)	\$1,900.00
2	Administrator Training Credits - 3 days, 5 hours/day (per person) 2 additional no charge	\$0
1	Sales Tax*	00.0*
	Total - One-Time	\$35,800.00
	First Year Total	\$53,639.00

*Plus, Applicable Sales Tax

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 Veoci Inc., 195 Church Street 14th Floor, New Haven, CT 06510



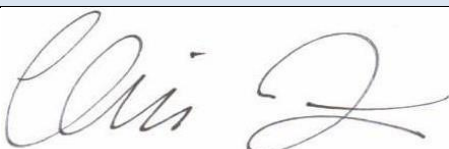
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3.2 Optional Services if requested

Standard Training and Consulting for 2022 (Subject to change)		
Item	Unit	Price
Administrator Training Credits (offsite)	3 Days - Price per attendee	\$950
Client Hosted Bootcamp	2 Days - Price per attendee (Min 8)	\$950, client pays for trainer's travel and expense
SSO Integration	Implementation	\$950
Professional Services & Consulting	Hourly	\$180
Professional Services & Consulting - US Only	Hourly	\$250
Professional Services & Consulting - Enterprise/Finance	Hourly	\$200
Organization Branding	One-time Implementation	\$1,500
T&L (Without Air)	Per diem	\$300
Hosted Storage	Extra 20 GB per year	\$100
Non-User Entry (External Forms)	Single Entry	\$1.25
Conference Calling (Minutes)	Per Minute	\$0.05

The parties hereto, intending to be legally bound hereby, have each caused its duly authorized officers or representatives to sign this Order Form as of the date first set forth below.

Veoci Inc. Executed By its Authorized Representative	City of Norwalk Executed by its Authorized Representative
Signature: 	
Print Name: Christopher Ford	Print Name:
Title: VP of Sales & Partnerships	Title:
Date: 9-12-2022	Date:

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 Veoci Inc., 195 Church Street 14th Floor, New Haven, CT 06510

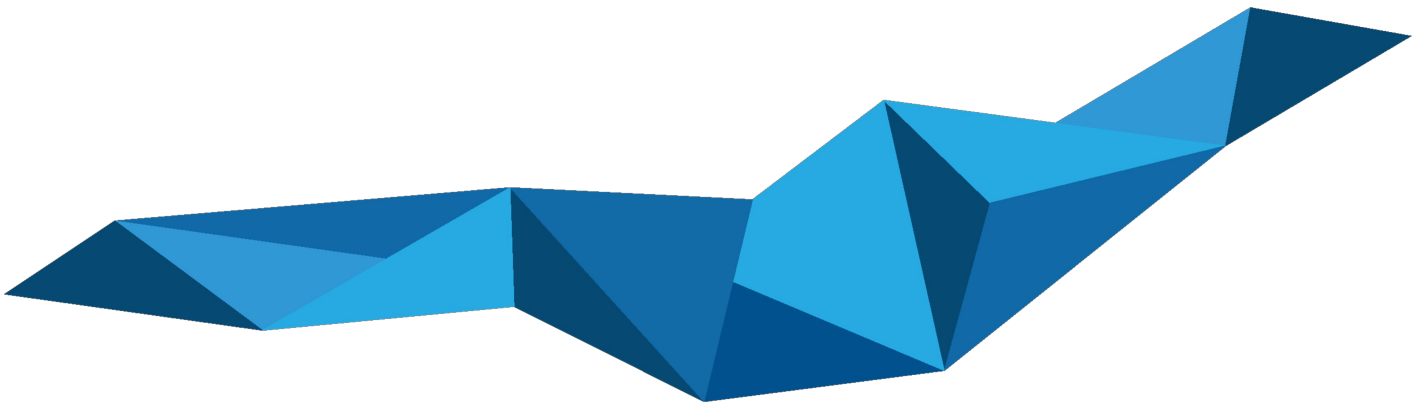


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Proposed Statement of Work (SOW)

Norwalk CT Public Health & Community Services



Primary Customer Contact:
Lamond Daniels
Chief of Community Services
ldaniels@norwalkct.org

Veoci
195 Church Street, 14th
Floor
New Haven, CT 06510
203-782-5944
natalie.monnett@veoci.com

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1. Scope Statement

Veoci will design and implement a process and platform for the following:

- Incident Management
- Contact Tracing
- Inventory Management
- Community Resource Hub
- Youth Services
- Summer Youth Employment Program
- Early Childhood

This SOW, including all services and deliverables described herein, is proposed subject to the terms and conditions of the RFP response between Veoci and Customer, numbered 61791.

2. Change Management & Governance Plan

Veoci utilizes Project Management tools that follow standard practices, such as the Project Management Body of Knowledge (PMBOK Guide), which describes established norms, methods, processes, and practices to ensure successful implementations and completion across all phases of the project life cycle.

Veoci also internally uses the system's tools (i.e., Task Management, Plans, Forms, Workflows, Reports, Dashboards, Rooms, and Calendars) to manage customer projects. These provide a venue for planning, controlling, and coordinating projects in collaboration with all stakeholders while also presenting a clear and consistent methodology for logging and sharing project data and metrics to Users with permissions. Veoci's tools facilitate updating project status information in real-time and allow for ongoing project reporting.

During project implementation, the customer may identify additional functionality. Any request that changes the scope of the project or the functionality beyond that identified in the SOW requires a change request and must be reviewed and approved by the project stakeholders. Change requests are entered into Veoci via a Workflow where the impact of the proposed change on scope, deliverables, schedule, and cost are evaluated. The project sponsor then approves or rejects the change, a new SOW (or an SOW addendum) detailing the approved changes is generated, and the entire process is recorded in the Change Management Log.

3. Veoci Implementation Plan

Veoci's approach to system implementation comprises five phases. The Veoci tools for Project Management will be available to manage the project following PMP standards during all the project phases. Individual project milestones may go through these phases independently and in parallel, completing one project milestone while others are still in progress.

Phase 1. Requirements and Planning

During this phase, the Customer Project Lead (and/or backup), other stakeholders identified by the customer, and the Veoci team work together to determine the project requirements, defining details about the implementation plan, identifying the material resources and staff (both from the customer and Veoci) needed to successfully complete the project, and creating the overall configuration plan.

The customer will be responsible for not only communicating requirements, but also gathering and organizing information from their internal stakeholders. The customer will provide the Veoci team with an understanding of its organization and processes, methods, and software applications in use that may need integration, as well as other information necessary to ensure a successful planning phase. As indicated throughout the proposal, Veoci will compile the requirements to implement the defined solution.

Both parties will also work together on the Planning phase when the customer's team will provide the information needed to the Veoci team for the creation of the overall plan for the configuration of the defined solution.

Phase 2. Configuring, Piloting, and User Feedback

During this phase, the assigned Veoci Solutions Engineers will build, configure, and test the new system as defined in the previous phase. The customer will assign personnel as required to work with Veoci on final testing and specify any changes needed. The Veoci team will also work with the customer's team to implement integrations with other systems if required. If development effort is needed, any additional cost associated with integration will be assessed.

Phase 3. User Acceptance and Go-Live

During this phase, the customer will accept the system implemented. Veoci provides technical support to the customer's Administrators and Users to complete all knowledge transfer activities prior to the following training phase. Employees will answer Veoci team members' questions, provide support and reviews, assist with migration and integration, and be available for UAT (User Acceptance Testing).

Phase 4. Training

Veoci is simple, intuitive, and easy to use, so most users need only an introductory formal training. Neither the end-users nor Administrators need a formal IT background or programming knowledge to learn Veoci.

Our training empowers Administrators to modify and change the solution and add processes and methods due to the no-code configuration. Veoci incorporates know-how from hundreds of thousands of Users and tens of thousands of processes over the past 11 years, during which time the core Veoci team trained thousands of Administrators.

The SOW outlines our proposed training structure and delivery mechanisms based on our understanding of a customer's solutions and needs. We below list possible selections for training options but these items are not specifically included in the SOW. Our team will propose a combination of the following:

- Remote orientation webinars recorded for later viewing
- Our online Help/Knowledge Base that is part of the Veoci platform
- Short Task and role-specific videos for end-users
- Train-the-trainer sessions
- Boot Camp training sessions for Administrators that are available in-person or online

If needed, our team can develop specific training manuals for the customer with screenshots and “How To” instructions.

An overview of Veoci knowledge resources, including webinars, Boot Camps, training courses, and downloadable training materials, can be found at veoci.com/knowledge-resources.

Phase 5: Maintenance & Technical Support

Once Veoci has completed the Implementation Phase and the customer verifies acceptance of the solution, the Maintenance and Technical Support Phase begins and remains in place for the duration of the associated software licenses. Maintenance includes updates to Veoci software, patches and fixes, and major upgrades to the platform to support operational effectiveness. Maintenance includes only minor changes to customer-specific solutions. Technical support includes access to Veoci resources along with continued monitoring and assistance from the Implementation team.

Regarding maintenance, the Veoci Development team follows the agile methodology and delivers a new version of software every few weeks. The team completes this process transparently, and Users generally do not notice changes until their Administrators decide to implement the new functionality. In a majority of releases, changes are small, designed to be readily apparent, and require no training. If a change will significantly affect how Users navigate within the platform, Veoci provides extensive advance notice and, as needed, provides pop-ups and introductory text to facilitate adapting to the new version. New tools, applications, or functionalities requested by the customer are not included in software updates. New versions of the software are available to customers at no additional cost.

Veoci's technical support encompasses access to the Veoci Knowledge Base, Help Desk, and community resources such as webinars and User groups. These resources dispense technical advice and innovative assistance to allow the customer to resolve problems with its solution.

A team of Veoci professionals, including Solutions Engineers and Customer Service Managers (CSMs), remain available to provide ongoing support and input as part of our commitment to helping customers maximize the value of their solution. If a customer requires additional features or significant changes to the existing solution, Veoci will respond to these requests and bill at our standing rate for professional service hours.

Engagement Model

The Veoci team will be engaged during implementation for an average of 5 hours per week until the implementation outlined in this SOW is complete with no additional fees beyond what is included in the MSA. Engagement includes weekly meetings plus offline work such as building solutions, project documentation, and completing software integrations. Should a customer need an implementation to be expedited, Veoci can be flexible if we have resources available.

The Veoci team will be available to perform the implementation, beginning at the agreed upon start date and continuing through the delivery of the completed solution. If implementation delays occur due to a lack of customer participation or cooperation, team resources may be removed from the implementation. Team resources would then be reassigned depending on availability.

Customer Participation Vital for Implementation Success

Veoci's implementation process is highly collaborative and includes regular participation from the customer's team. Successful delivery of an on-time solution requires that customers provide data and information and respond to requests in a timely manner, as well as attend regular project status meetings to provide input on the solution.

Implementations are managed from within the customer's Support and Collaboration room where task management, plans, forms and workflows, reports, dashboards, and calendars are integrated into the Veoci platform. These tools allow Veoci to plan, control, and coordinate projects in collaboration with all stakeholders involved. All communications, action items, tasks, and meeting minutes related to the project are logged and shared in Veoci rooms accessible and restricted to permissioned Users. The Room Dashboards provide project status information in real-time and allow for ongoing project reporting.

4. Verified Deliverables

Veoci uses the Deliverable Verification Workflow to automate the process of collecting customer acknowledgment and acceptance of each deliverable listed in the project plan. Once a deliverable has been built and undergone User Acceptance Testing (UAT) by the customer and no further additions or revisions are required to complete the deliverable, Veoci will request that the customer accept and acknowledge receipt of the deliverable. This is done through an automated Workflow process that generates an email notification for the Customer Project Manager to review and approve. The Project Management Dashboard displays the status of all project deliverables. As Deliverables are accepted and become part of the customer's Veoci solution, Veoci considers implementation complete and is available to provide ongoing support.

5. Milestones and Deliverables

5.1. Incident Logging

5.1.1. *After Action Report, Exercise Plan, and Improvement Plan*

Veoci will implement its best practice solutions for After Action Reports, Exercise Plans, and Improvement Plans, based on the HSEEP principles. These Reports and Plans can be completed through online Forms and each will have an output template that can be printed or saved as a PDF. A Dashboard will be created that displays Reports and Plans and a tool for tracking outstanding corrective actions will be available. Corrective actions can be assigned and notification alerts are delivered via the web, mobile app, email, and SMS if desired.

5.1.2. *Damage Assessment Form*

A Damage Assessment Form will be created that allows users to document damage that occurred at a property. This form captures critical information such as the address, property type, photos / videos, estimated damage amount, and contact information. A report will be created that shows all damage assessments completed and a second report will show the aggregate sum of estimated damage amounts. All Reports can be viewed in a tabular format, on a map, and on a dashboard.

5.1.3. *ICS Forms and Incident Action Plan*

Veoci provides comprehensive, dynamic, and FEMA and CPG 101 compliant ICS forms for all departments and divisions in a given jurisdiction. Veoci has successfully deployed these to meet all customers' reporting requirements. When populated, ICS forms can roll up or be independently printed and exported to PDF. ICS Forms included: 201, 202, 203, 204, 205, 205A, 206, 207, 208, 213RR, 214.

Veoci will implement its best practice IAP solution. The IAP combines the appropriate forms as selected by the Incident Commander or Administrator, and when populated, can be printed and exported to PDF.

Veoci will implement its best practice ICS and IAP Dashboard which provides easy access to complete or view ICS Forms and the IAP and can be integrated with all maps, timelines, and threads.

5.1.4. *Incident Logging*

Veoci will implement its best practice Form for logging incidents. Incident status can be tracked and related to Resource Requests and Mission Tasks. The following Reports will be created for incidents: All Incidents, Open Incidents, Incidents by Status, Incidents by Type, and if applicable Incidents by County and Incidents by Jurisdiction.

All Reports can be viewed in a tabular format, calendar, or map, or exported to PDF or Excel. The customer can create an unlimited number of additional reports using Veoci's point-and-click interface.

5.1.5. *Incident Management*

Whenever an organization is going to manage an all-hazards incident response, planned event, special event, exercises, situational awareness, or other collaboration is needed, it will create an Incident Room. All activity having to do with an incident or event is managed within a Room, which comes with a rich set of tools that are useful during the planning, response, recovery, and mitigation stages. There is no restriction on how many Rooms can be created or open at the same time. This means that multiple incidents, exercises, and daily operations can be run in parallel.

Veoci will create an all-hazards "Room Template" that can be launched on-demand. This template incorporates the following NIMS and ICS/Compliant functionality.

5.1.6. *Meeting Schedule and Battle Rhythm*

A Form will be created that allows the customer to create a meeting schedule, document agendas, and record minutes. The information will be available on a Dashboard and on a Room Calendar.

5.1.7. *Incident Briefing Form*

Veoci will implement its best practice Form for quick Incident Briefing. This Form keeps track of all incident briefings and includes a summary of the situation, objectives, key decisions, and date/time of the next Incident Briefing.

The latest entry is always displayed in the Events Dashboard.

5.1.8. *Resource Request Management*

Veoci will provide its best practice workflow for tracking resource requests. This workflow is based on the input fields and process outlined in ICS 213 RR. The following reports are included with this workflow: Requests by Status, Requests Initiated, Requests Awaiting Me, Resource Requests In Progress, Resource Requests Closed. All of these reports can be viewed in tabular format, calendar, or map, and can be exported to PDF or Excel.

Veoci will implement a Resource Request Dashboard which provides easy access to create, track or view all ICS 213 Resource Requests created for the incident/Room.

5.1.9. *Road Closures*

A Form will be created which allows the customer to document planned or unplanned road closures. The road closure data is available on a Dashboard, Calendar, and Map.

5.1.10. *Shelter Status Reports*

A Form will be created that allows the customer to record shelter information including their location, type, resources, accessibility, and guest counts. This information will be displayed on a Dashboard and Map.

5.1.11. *Windshield Survey*

A Windshield Survey Form will be created to report damage. The Form and it's reports can be accessed from the Events Dashboard. The Form includes a Veoci default Print Template and a general saved view.

5.2. Contact Tracing

5.2.1. *Case form*

A form for recording case identification

5.2.2. *Case Contact Form*

A form for recording contacts for that case

5.2.3. *Follow Up Form*

A form for recording follow-ups with contacts for that case

5.2.4. *Escalations*

Changes in status reported by a contact that require further action will be escalated to the appropriate people at the local level. These escalations can be by any combination of dashboard, or email.

5.2.5. *Dashboards*

Reporting dashboards which will include tabular data, charts, graphs, and embedded external data: process metrics (Throughput, number of calls per day), demographic information about index (cases by date), contacts tile (contacts reached, contacts not reached, symptomatic contacts, contacts upgraded to cases, etc.),

5.2.6. *Local Dashboards*

Local health department dashboard templates for contact tracing staff to provide instruction and easily accessible actions for following up with contacts.

5.3. Inventory Management

5.3.1. *Inventory Database*

A form to act as an inventory database to include:

- Item Type
- Item UID (Barcode)
- Item Name
- Current Quantity
- Par Level
- Reorder trigger
- Maintenance date
- Maintenance required trigger

- Expiration Dates
- Deployable units
- Deployable unit cost
- Transaction Links

5.3.2. *Inventory Transaction Form*

A form to add and remove from the inventory database and update the quantities on hand as needed

5.3.3. *Kit Form*

A form to create "Kits" from multiple inventory items and deploy/update them as a singular item

5.3.4. *Inventory Request Process*

A workflow to do the following:

- Request inventory item
 - Kit or singular item
- Approval Step for request
- Pick Up Step (Deployment)
- Return step (Demobilization)

5.3.5. *Inventory Dashboard*

A dashboard to manage inventory and inventory transactions to include:

- Links to perform actions above
- Current Inventory by Item
- Current Inventory by Location
- Current Inventory by Type
- Items Needing Reorder
- Kits
- Full Inventory Listing
- Open Inventory Requests (by status)
- Items removed by reason
-

5.4. Community Resource Hub

5.4.1. *Light Contact Form*

Form used by Community Resource Specialist for light contacts

5.4.2. *Program Needs Assessment Form*

Form used to assess needs

5.4.3. *My Cases Dashboard*

Dashboard used by case workers to see their own cases

5.4.4. *Agency Database*

Database of Agencies and Organizations that provide community resources

5.4.5. *Report Dashboard*

Dashboard to show all aggregate data.

5.4.6. *Case Management Dashboard*

Aggregate Dashboard used to manage current cases.

5.4.7. *Tutorials Dashboard*

Dashboard to show all tutorials and training materials

5.4.8. *Referral Form - Inbound*

Referral Form used to gather client information.

5.4.9. *Referral Form - Outbound*

Referral Form sent to outside agencies.

5.4.10. *Intake Form*

Form to be used to capture client intake information.

5.4.11. *Action Plan Form*

Form to be used to capture client's action plan.

5.4.12. *Requested Services Tracking*

Form to be used to capture and track client's requested services.

5.4.13. *Case Closure Form*

To be used to capture discharge and case closure details for each client.

5.4.14. *Solution Architecture and Requirements*

Following meetings with representatives of the various groups of customer stakeholders, Veoci will provide a solution architecture schematic and a summary of the solution requirements (provided in bullet point or tabular format). The process to develop the architecture may include data requests from Veoci, meetings to define specific requirements and discuss design ideas, and review of solution design and prototype.

5.5. Youth Services

5.5.1. *Intake Form*

Form to be used to capture client intake information.

5.5.2. *My Cases Dashboard*

Dashboard used by case workers to see their own cases

5.5.3. *Report Dashboard*

Dashboard to show all aggregate data.

5.5.4. *Case Management Dashboard*

Aggregate Dashboard used to manage current cases.

5.5.5. *Tutorials Dashboard*

Dashboard to show all tutorials and training materials

5.5.6. *Requested Services Tracking*

Form to be used to capture and track client's requested services.

5.5.7. *Case Closure Form*

To be used to capture discharge and case closure details for each client.

5.5.8. *Action Plan Form*

Form to be used to capture client's action plan.

5.5.9. *Referral Form - Outbound*

Referral Form sent to outside agencies.

5.6. Summer Youth Employment Program

5.6.1. *Applicant Information Form*

Form used to collect information about the applicant.

5.6.2. *Emergency Contacts Form*

To be used as a Subform in the Applicant Information Form.

5.6.3. *Employment Matching/Outcomes Form*

Used to match jobs with applicants and record outcomes

5.6.4. *Hours Worked Tracking*

Form used to track hours worked and hours left to work

5.6.5. *Assignment Information Form*

Database of available jobs

5.6.6. *Site Visit Form*

Form used to track site visits at job locations

5.6.7. *Performance Evaluations Form*

Form used to collect performance evaluation information

5.6.8. *Surveys*

Forms used to collect feedback from businesses and youth workers.

5.6.9. *Report Dashboard*

Dashboard to show all aggregate data.

5.6.10. *Applicant Management Dashboard*

Aggregate Dashboard used to manage applicants

5.6.11. *Tutorials Dashboard*

Dashboard to show all tutorials and training materials

5.6.12. *Job Site Management Dashboard*

Aggregate Dashboard used to manage job sites

5.7. Early Childhood

5.7.1. *Program Monitoring Form*

Form used to monitor programs

5.7.2. *Program Monitoring Dashboard*

Dashboard used to monitor programs

5.7.3. *Classroom Observation Form*

Form used for classroom observations

5.7.4. *Tutorials Dashboard*

Dashboard to show all tutorials and training materials

5.7.5. *Report Dashboard*

Dashboard to show all aggregate data.

5.8. Integrations

5.8.1. *Form to SFTP External Integration Setup*

Configuration for Form to SFTP integration.

6. Training

For the Statement of Work included here, Veoci recommends the training program described below. Based on the size and complexity of the customer's operation, additional training needs may be identified throughout the implementation and can be provided using Professional Service hours to tailor and deliver customized training.

End-User Training

Following the delivery of each of the milestones described in the SOW, Veoci will provide up to one (1) hour of end User training that covers basic navigation and use of that portion of the total solution.

Training Material Development Hours

We have allocated and priced out 15 hours for the development of training documents and materials specific to this implementation.

7. Professional Services for Solution Customizations

Veoci is extremely flexible and can be easily configured and reconfigured to adapt to changing business processes. Veoci Solutions Engineers tailor solutions to meet customers' specific business needs through the use of Professional Service Hours. Professional Service Hours can also be used by customers to finalize their solution at inception in order to have a completed solution that is available for use immediately.

50 hours of professional services are included in this SOW. The customer can direct these hours to be used for:

- Point-and-click customizations to solutions
- Building additional solutions using our point-and-click interface
- Creating/updating print templates for Forms, Workflows, and Task Types
- Developing custom training material
- Solution design consulting

8. Assumptions & Work Requirements

In addition to any other responsibilities or duties described in this SOW, set forth below is a list of the obligations for which the customer is responsible, and assumptions upon which Veoci has relied in creating this SOW.

- The customer will identify, and make available for the duration of this project, one primary contact to act as Project Lead.

- The Customer Project Lead will brief their project team on Veoci and the customer's goals and objectives prior to the kick-off call.
- The customer holds primary responsibility for data quality of sufficient standards to achieve customer goals.
- Customer data for migration must be in the format specified either in the Deliverable or as detailed by the Veoci implementation team following initial requirements gathering. Data to be migrated must be ready for upload, in addition to being in the specified format (CSV file, PDF, etc.). For example, if importing into a field that accepts blue/red/green as attributes, entries can not include lime green.

The customer will cooperate in good faith with Veoci in its performance of this SOW by:

- Allocating sufficient resources and time to perform any tasks reasonably necessary to enable Veoci to perform its obligations under the SOW.
- Delivering in a timely manner any customer collateral and other obligations required for each Milestone included in this SOW.
- Responding in a timely manner to Veoci's inquiries related to the SOW.
- Actively participating in scheduled project meetings, completing accurate and timely information, data and feedback all as reasonably required.

Integration Requirements

To successfully complete an integration, Veoci will require assistance and cooperation from the customer as well as the integrating vendor. Integrations often require access credentials, sample data, and testing before being completed.

Veoci exposes a REST API that can be used by other systems to send data to Veoci or query data from Veoci. Use of this API is included in this SOW.

Veoci also has a console for configuring connections with APIs exposed by other systems - specifically ones that are accessible via the web and output either XML or JSON data. An unlimited number of these connections can be established by the customer.

Veoci can also connect with a web-facing SFTP site or an AWS S3 bucket to run a scheduled import of either CSV or XLSX data. This functionality is not self-service and needs to be configured by the Veoci team at an additional cost.

For new integrations that Veoci has not yet implemented, Veoci will work to implement a direct integration through REST API call to this system. Veoci's API integrations are highly flexible and can be implemented easily; however successful integration is dependent on the application that is being integrated. Veoci will work with the customer and the application vendor to implement the integration to accomplish the goals specified by the vendor wherever possible. Should an API integration not be feasible other options such as flat file upload via a SFTP or S3 bucket can be explored as well.

Functionality related to non-standard integrations may require additional configuration by the Veoci team, which will be provided at an additional cost.

Data Migration Requirements

Customer data for migration must be in the format specified either in the Deliverable or as detailed by the Veoci implementation team following initial requirements gathering. Data to be migrated must also be ready for upload, in addition to being in the specified format (CSV file, xlxs). For example, if importing into a field that accepts blue/red/green as attributes, entries can not include lime green.

Legacy data provided to Veoci in a format other than that agreed upon will create an error in the system and not allow it to be uploaded. Veoci will not correct data errors, thus it is vital that the data provided to Veoci be in the exact format as agreed upon.

9. Veoci Solutions Building Blocks

Veoci tools are the elements that provide specific functionalities within Veoci solutions. During implementation, Veoci Solution Engineers select the tool or combination of tools to configure the solution based on the customer's goals, existing processes, and available data.

Alerts, Notifications, and Check-Ins

Alerts, Notifications, and Check-ins can be configured for individuals or groups based on actions or conditions. Notifications include phone calls, conference calls, text/SMS, email, and mobile app Alerts. Additional costs are associated with configuring and on-going fees for conference calls.

Custom Actions

Custom Actions allow Administrators to define additional events to be triggered after someone creates or updates a Form Entry, Workflow, or Task.

Dashboards

Dashboards provide a visual summary of key information and metrics in one easily accessed location.

Forms

Forms are used to collect data in a structured format. Forms also serve as databases, often replacing multiple spreadsheets, and as ways to populate fields on Maps and Dashboards. Veoci provides considerable flexibility to configure fields included in Forms, and entries can include text, numbers, email addresses, selection options, date, and time fields.

Lists

Lists allow individual members to be grouped together for common activities or notifications. Members can be both customer employees and outside stakeholders, such as local emergency responders. A robust system of permissions manages individual member access to ensure appropriate and secure access to the Veoci platform.

Mapping Capabilities

Veoci provides its own comprehensive mapping program and intuitive, real-time integration with other GIS software. Users can enable or disable layers of location data coming from Veoci content such as Forms, Workflows, and Tasks. Users can also add annotations (i.e., points, lines, polygons) and labels to Maps and enable or disable GIS layers.

Plans

Plans are repeatable Room Templates that can be launched when a Plan is triggered. Plans can be used to instantly create Rooms that are prepopulated with Dashboards, Workflows, contact lists, required documents, Tasks, and other Templates.

Print Views

Print Views are customized views of a Form or Workflow entry that can be printed, emailed, exported to PDF, or added to Veoci Dashboards to provide situational awareness. Many Veoci solutions include default Print Views, especially those needed for regulatory reporting or compliance. Customized Print Views can be created as needed. Print Templates are designed using a WYSIWYG or HTML.

Reports

Reports are created to capture and present information to stakeholders, both within and outside of Veoci. Reports are exported from Veoci using PDF print templates. Summary information from Reports is often displayed on Dashboards.

Rooms

A Room is a collaboration space in Veoci that contains tools for gathering information and making decisions. Rooms can have cascading or descendant Rooms—known as Side Rooms. Almost all end User activity occurs in a Room or Side Room.

Saved Views

Saved Views are customized views of Form or Workflow entries that are configured to show specific information in a distinct format. Saved Views are used to display information grouped by defined criteria. Saved Views can be created for Forms, Workflows, and Tasks.

Tasks

Tasks assign a specific responsibility or action to an individual. Tasks can be configured to include structured work requests, categories of Tasks, priorities, and Map locations.

Workflows

Workflows are used to automate work processes. The customer defines the people, data, and process involved, and Veoci manages the flow of information and provides transparency, reminders, escalations, and Reports. Workflows also include automatic conditional steps and assignments for those situations when processes follow alternative flows.