INTERIOR RENOVATIONS  
to the  
TRUMBULL POLICE DEPARTMENT  
158 EDISON ROAD  
TRUMBULL, CONNECTICUT  

RFP #6320  
December 13, 2018

CLARIFICATIONS

DRAWING A-7.0 – OVERALL ROOF PLANS  
The existing roofing is not under current warrantee. The General Contractor can utilize a roofing contractor of their choice to perform all roofing work necessary to patch and repair existing roofing for new roof penetrations as noted on the drawings.

DRAWING E-1.1 – LOWER LEVEL FLOOR PLAN – ELECTRICAL  
Electrical Contractor to provide power circuits to wardrobe lockers as indicated. Wardrobe Locker Manufacturer (section 10 51 13) to furnish modular electrical plug and play kit to include two (2) receptacles for each wardrobe locker being installed. Electrical Contractor to provide necessary wiring from circuits indicated to junction boxes adjacent to wardrobe locker outlet connection in ceiling space of locker rooms.

REQUEST FOR INFORMATION

Question: On plan P-1.1 note on gas line refers us to M drawings for continuation yet there is no gas on M drawings.  
Answer: The drawing (P-1.1) calls out for 1-1/2"G to the HVAC equipment. The note to refer to the M drawings was simply for the Plumbing Contractor to coordinate the exact location of the gas connection on the HVAC unit with the Mechanical Contractor. Plumbing Contractor to make all necessary connections as required.

Question: Has a second walk-through data / time been scheduled?  
Answer: The Trumbull Police Department will be made available for viewing on Monday, December 17th at 10:00am. All visitors to report to the Information Counter within the Public Lobby.
**Question:** Drawing M-5.3 list Alerton Controls. Drawing M-5.2 indicates DDC interface to the Town Wide central DDC controls. Alerton Controls are utilized in the Town’s School District. We do not have a DDC Head-End on the Town’s Municipal side. Listed below are the associated questions.

a. The Alerton control system can operate as a stand-alone DDC control system for this project. Please advise.

b. We can incorporate the project’s controls into the Alerton Trumbull School District DDC head-end. Please advise.

**Answer:** Alerton Controls is only listed in the specifications as an acceptable manufacturer for duct mounted sensors.

**Question:** What is the existing roofing composition? Membrane, insulation type and thickness, type of roof deck, etc.

**Answer:** Drawings from the original construction indicate the following roofing composition: Built-up roof construction over 2-1/8” rigid insulation over poured gypsum on ½” form board. Detail illustration below.

![Roofing Composition Diagram](image)

**CHANGES TO SPECIFICATIONS**

**SUPPLEMENTARY INSTRUCTIONS TO BIDDERS**

DELETE Subparagraph 9.2 – “Minority Owned Business Enterprise Goal” in its entirety. All proposals shall comply with Equal Opportunity Employment Practices. This project does not have minority-owned business or small business enterprise goals.

**DIVISION 1 - FINISHES**

**SECTION 01 20 00 – ALLOWANCES**

ADD Section 01 20 00 – ALLOWANCES in its entirety (attached)

General Contractor to include $20,000 allowance amount within their Base Bid Proposal for additional abatement beyond the scope as outlined within the specifications. This allowance amount will be for work that may be encountered within corridors, firing range, or areas beyond that identified within the specifications.
SECTION 01 50 00 – TEMPORARY FACILITIES

3.3 – TEMPORARY CONSTRUCTION AND SUPPORT FACILITIES INSTALLATION

SUBPARAGRAPH J – TEMPORARY TOILETS

ADD paragraph 5 as follows:

5. Six-month rental and service agreement for the Owner’s Temporary Toilets as indicated in subparagraph 3 listed above shall anticipate one (1) service call per week for the duration of the rental period. If additional service calls are required beyond that stated above, the Owner shall be responsible for additional costs incurred.

DIVISION 9 - FINISHES

SECTION 09 65 00 – RESILIENT FLOORING AND BASE

ADD Paragraph 1.7 – EXTRA MATERIALS as follows:

1.7 – EXTRA MATERIALS

A. Furnish extra materials that matches products installed and that are packaged with protective covering for storage and identified with labels describing contents.

B. Furnish, as a minimum, one (1) box of flooring material for every fifty (50) boxes or fraction thereof, for each type of flooring material specified, for each color flooring material being utilized on the project, and for each pattern of flooring material being installed.

1. Extra Material shall be labeled and turned over to the Owner in sealed boxes, original condition.

2. No extra material shall be required for base, adhesives, or accessory products.

CHANGES TO DRAWINGS

M-0.3 - FLOW AND CONTROL DIAGRAMS - MECHANICAL

See attached revised drawing with the following revisions incorporated:

- Removed Ebtron flow meters on HVAC-4 RA and SA, flow meters shall be provided by unit manufacturer
- Removed HVAC-4 dashed line for clarification

M-3.1 – SCHEDULES - MECHANICAL

See attached revised drawing with the following revisions incorporated:

- EF-10 motor requirements changed from 208V/ 3-PH to 208V/ 1-PH
- Clarification: basis of design air handlers are BACnet compatible
- HVAC-4 shall be furnished with barometric relief dampers

E-1.2 – ROOF PLAN - ELECTRICAL

See attached revised drawing with the following revisions incorporated:

- Revised fan EF-10 branch circuit and circuit breaker to correspond with a 208V, 1Ø load
ATTACHMENTS

SECTION 01 20 00 – ALLOWANCES, 2 pages
M-0.3 - FLOW AND CONTROL DIAGRAMS – MECHANICAL, revised 12/13/18
M-3.1 – SCHEDULES - MECHANICAL, revised 12/13/18
E-1.2 – ROOF PLAN - ELECTRICAL, revised 12/13/18

END OF ADDENDUM NO. 1
SECTION 01020 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Instructions to Bidders, AIA Document A201 - 2007, “General Conditions of the Contract for Construction”, the Supplementary General Conditions and Division 1, General Requirements, are a part of this Section and shall be binding on the Contractor and or Subcontractor who performs this Work. Note also all Addenda.

1.2 SUMMARY

A. This Section specifies administrative and procedural requirements governing handling and processing allowances. Allowances shall be included in Contractor's Bid Proposal and Contract Sum.

B. Types of allowances required include the following:

1. Lump sum-allowance for additional abatement of applied spray fireproofing beyond the base bid scope as indicated in the specifications.

C. Expenditure of allowances shall be as directed by the Owner, in accordance with procedures for submitting and handling Change Orders which are included in General Conditions, AIA Document A-201.

1.3 SUBMITTALS

A. Submit proposals for expenditures related to in allowances, in the form specified for Change Orders.

B. Submit invoices or delivery slips to indicate actual quantities of materials delivered to the site for use in fulfillment of each allowance.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

3.1 INSPECTION

A. Inspect products covered by an allowance promptly upon delivery for damage or defects.

3.2 PREPARATION
A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related construction activities.

3.3 SCHEDULE OF ALLOWANCES

A. Included in the General Contractor’s Bid Proposal is the following Allowance:

1. **Additional Abatement of Existing Spray Fireproofing:** $20,000
   a. It is understood that the General Contractor has included within their Base Bid proposal an amount of money to provide complete abatement of existing spray fireproofing as further defined within Asbestos Abatement Specifications, Trumbull Police Department, Lower Level, 158 Edison Road, Trumbull, CT, dated October 31, 2018 (85 pages), as prepared by Chem Scope, Inc., North Haven, CT
   b. It is further understood that there are multiple areas that are not readily identified which would also involve disturbing the existing spray fireproofing. These areas include, but are not limited to: salvaged lights re-hung at the firing range, firing range baffles, new hangers within corridors for new mechanical / plumbing fixtures, etc.
   c. General Contractor shall include within their Base Bid Proposal an allowance amount of twenty thousand dollars ($20,000.00) to perform this additional abatement, in excess of the base contract scope as outlined within Asbestos Abatement Specifications, Trumbull Police Department, Lower Level, 158 Edison Road, Trumbull, CT, dated October 31, 2018 (85 pages), as prepared by Chem Scope, Inc., North Haven, CT

END OF SECTION 01020
CONTROL DIAGRAM

GENERAL

1. THE UNIT SHALL ONLY BE USED AT A SITE WHERE BACKUP SUPPLY AIR IS ALWAYS AVAILABLE.
2. THE UNIT SHALL OPERATE AT AigueF: FAN SPEED TO MAINTAIN THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT A FAN SPEED TO MAINTAIN THE REQUIRED OUTSIDE AIR.

CONTINUOUS OPERATION

1. WHEN THE UNIT IS DISCONNECTED, THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

EJECTOR

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

COOLING SYSTEM

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

HEATING SYSTEM

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

DEHUMIDIFICATION SYSTEM

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

FAN SYSTEM

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

RETURN AIR

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

OUTDOOR AIR

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

INSULATION

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

DAMPER

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

VALVE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

PANEL

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

LIMIT

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

TO Trên transducer

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

RETURN FAN

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY FURNACE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY PARK

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR ENTHALPY

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR TEMPERATURE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR HUMIDITY

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR FLOW

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

SUPPLY AIR ENERGY

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

COOLING TEMPERATURE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

COOLING SETPOINT

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

EXHAUST TEMPERATURE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

EXHAUST SETPOINT

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

OUTDOOR AIR TEMPERATURE

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

OUTDOOR AIR HUMIDITY

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

OUTDOOR AIR FLOW

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.

OUTDOOR AIR ENERGY

1. THE UNIT SHALL BE CAPABLE OF WITHSTANDING THE REQUIRED OUTSIDE AIR.
2. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
3. THE UNIT SHALL OPERATE AT THE REQUIRED OUTSIDE AIR.
AIR HANDLING UNITS

HVAC VIBRATION-CONTROL

DUCT PRESSURE CLASS

HVAC DUCT/PLENUM MATERIAL, JOINTS & FITTINGS

FANS

HIGH-EFFICIENCY FILTERS

REGISTERS, GRILLES, DIFFUSERS

VARIABLE FREQUENCY DRIVES

SUPPLY UNIT SERVES BASEMENT LEVEL NONE; 1 EF-1 E

DATE

REFERENCE TO EQUIPMENT SCHEDULES FOR HORSEPOWER REQUIREMENTS. THE CONTRACTOR SHALL COORDINATE FINAL VFD SIZING WITH RATED MOTOR AMPS INDICATED ON APPROVED

RAF-1 208/3 REFER TO NOTE #1 OUTDOOR AT GRADE

VFD-1 < BE

PRICE CR

EXHAUST

.reference things

RAF-1 208/3 REFER TO NOTE #1 OUTDOOR AT GRADE

VFD-1 < BE

PRICE CR

EXHAUST

reference things
1. Replace existing 125A/3P circuit breaker labeled "BASEMENT AIC" in normal distribution section of MOP with 150A/3P circuit breaker to energize HVAC-1 circuit. Circuit breaker shall be compatible with existing switchboard. Connect with 3#1/0 + #6G.

2. Panelboard circuit numbers are not to indicate actual available circuit numbers in the panelboard and should be used to delineate between circuits. E.C. shall field verify available circuits and update all panelboard directories.

3. Provide 2#1/0 RED circuit breaker compatible with existing panelboard. Connect with existing conduit previously serving removed unit. Extend conduit as required.

4. Extend existing fire alarm branch circuit on floor below to new fire alarm device. Provide all necessary hardware and programming.

5. Receptacle shall be energized by existing nearby branch circuit serving corridor on floor below. Extend conduit and wire as required.