

ADDENDUM NO. 1

Notice to Bidders for

Town of Voluntown Public Works Garage

ADDENDUM ISSUED: May 4, 2018

This Addendum forms part of the Contract Documents and modifies the original Project Manual and Specifications and Drawings dated April 5, 2018. Acknowledge receipt of this Addendum in the Bid Proposal, failure to do so may subject the Bidder to disqualification.

This Addendum is a modification to the Contract Documents as follows:

- 1) Contract Documents: Project manual; Instruction to Bidders; Replace Article 7.03 with the following:
“Potential Bidders are responsible for checking the Town of Voluntown website at <http://www.voluntown.gov/> for any addendums and updates regarding this Bid.”

- 2) Contract Documents: Project manual; Change the reference to the “10:00 PM” bid opening to “10:00 AM” in the Invitation To Bid.

- 3) Contract Documents: Project manual; Bid Form; Change the description under Add Alternate 2 & 3 to the following:

2. Fuel Station Canopy:

The furnishing and installation of the proposed roofed fuel storage as shown on contract drawing FIS-1.

3. Additional 6’ High Chain Link Fencing:

The furnishing and installation of additional fencing as indicated on Contract Drawing C-1.

- 4) Contract Documents: Project manual; Supplementary Conditions; Section SC-5.04; Replace item 6 with the following:

“6. Certificates of Insurance documenting the coverage listed above must be presented to The Town prior to the commencing of any work/service. The Contractor/Vendor also agrees to provide replacement and/or renewal certificates at least 30 days prior to the expiration of each policy.”

- 5) Contract Documents: Contract Drawings; Sheet A-3; The overhead door schedule shall be replaced with the attached drawing entitled ADD-1.

- 6) Contract Documents: Contract Drawings; Sheet F-1; A note shall be added referring to the exposed concrete floor surfaces stating the following:

“All exposed concrete floor surfaces shall be sealed with Saltguard WB by Prosoco or approved equal.”

- 7) Contract Documents: Contract Drawings; Sheet S-4; The load table on Sheet S-4 shall be replaced with the attached sketch SKS-1.
- 8) Contract Documents: Contract Drawings; Sheet P-2; The attached Plumbing Fixture Schedule shall be added to Sheet P-2.
- 9) Below are questions received and answered in bold.
 - 1.) For bidding purposes, can you set the number of feet of well casing? **Use 40’.**
Provisional item 6 in bid form allows you to price it in excess of 40’.
 - 2.) Can you clarify the “Painted Concrete Finish”, I don’t see anything in division 9 for a spec? **Refer to addendum item 6 above.**
 - 3.) Is Item 1- Public Works Garage on the Bid Form to include the excavation & Backfill of the building concrete foundations and the floor slabs or is it to be included in item 2-Sitework? **Include it in item 1.**
 - 4) Drawing A3 door schedule. Opening #008 ask to refer to manufacturers detail and shows a door type E. We can’t find any reference to a type E door or a frame detail. Please confirm door type elevation and frame type. **Refer to addendum item 5 above.**
 - 5) Door schedule opening # 006 doesn’t show as a new opening. Is this door and frame required? **Refer to addendum item 5 above.**
 - 6) Door schedule opening #005, 006, 007 & 007A asks for a HOLLOW METAL door elevation C. Elevation C on the door schedule shows a flush door put drawing A4 shows doors with lite cutouts and being WOOD. Please confirm correct door material and cutouts. **Refer to addendum item 5 above.**
 - 7) The specification section 15420 3.3 is calling for waste and vent 3” and under to be done in Copper, is it possible for this to be piped in no hub cast iron or PVC to help with availability of material and cost of the project? **No hub cast iron or PVC is an acceptable substitute.**
 - 8) Is there an available list of the approved “fixture selection by architect” list for this project, if so can it be sent out to bidders for correct pricing and rough in estimates? **Yes, refer to Addendum item 8 above.**
 - 9) The plans call for a class 1 asphalt top course whereas it’s typically class 2. Please advise if this is correct. **Yes, this is correct.**
 - 10) Page S-1 on the plans calls for both welded wire mesh and fibermesh in concrete slab. Is that the intent? **Yes.**
 - 11) C-1 and SE-1 do not show where the conduits for the building electrical service comes from. Please clarify. Is the conduit labeled ET heading west on C1 to the telephone pole? **The electrical service lateral shall run underground from pad mounted transformer located southeast of entry gate to proposed meter location at southeast corner of building. Service lateral shall then run underground from meter to proposed service disconnect. Refer to Drawing E-1 for meter and**

service disconnect locations. Refer to Drawing E-4 Power Riser Diagram for service lateral and further requirements.

- 12) Can we use service that feeds power to the fuel tank to draw construction power? **No.**
- 13) The floor finish schedule on F-1 in the plans refers to some painted concrete floors in the office area, and sealed concrete in the garage area. There is also Sikagard 62 epoxy coating listed in Cast-in-place Concrete Specification 03300-2.4, H. Where is this to be applied? Please clarify. **The material listed under 03300 - 2.4.H and note 7 on S-1 are not used in the current plan. Please defer to the finishes called out on sheet F-1. Also refer to addendum item 6.**
- 14) Plans/Specs call for a 36" standing seam roof, and for gauge of 26ga. Our represented product line provides a standard of 24 ga. X 24' – is that acceptable? **The increase to 26 ga. is acceptable.**
- 15) Plans & Specs call for a thermal block in the walls. Can we achieve the thermal break in a different way than shown? **The thermal breaks with different methods are acceptable as long it meets the 2012 energy code.**
- 16) The codes given on the structural drawings are not current codes for CT. I assume to use the 2016 CT State Building Codes? Please confirm. **The new building code is to be used. Refer to Addendum item 7 above for the adjusted load table.**
- 17) Can you provide a spec for the tack boards? **Delete reference to providing tack boards.**
- 18) There are no leveling plates for beneath the steel columns labelled on the plans. One might be construed from looking at 1/S-2, but it is not definitive. Are leveling plates to be used? Is there a different technique desired? Please clarify. **Typically a 1/4" leveling plate on 3/4" non-shrink grout is required. This connection is to be finalized as part of the steel shop drawing review process, per note.**
- 19) I need clarification for the sanitary piping on this project. Spec section 15420 1.1 states PVC piping may be used. 15420 2.2 states PVC only on underground and 15420 3.3 does not list PVC at all and even specifies X heavy Cast Iron below grade with lead and oakum joints. What do they want? **PVC is acceptable for all drainage and venting systems.**

10) Below are questions from pre-bid meeting and answered in bold.

- 1.) Is there a geotechnical report? **No. Test pit information is located on sheet C-5.**
- 2.) Is there a provision for escalation of steel cost? **No.**
- 3.) Is a temporary electrical service available on site? **No.**

END OF ADDENDUM

DESIGN LOADS TABLE

FLOOR LIVE LOADS		
OCCUPANCY OR USE	UNIFORM LOAD (PSF)	CONCENTRATED LOAD (LBS)
COMMERCIAL SLAB-ON-GRADE	125	N/A
MEZZANINE LEVEL	125	1,000
ROOF LIVE LOADS (SNOW)		
GROUND SNOW LOAD (Pg)	30 PSF	
FLAT ROOF SNOW LOAD (Pf)	30 PSF	
SNOW EXPOSURE FACTOR (Ce)	0.3	
IMPORTANCE FACTOR (I _s)	1.0	
THERMAL FACTOR (C _t)	1.0	
WIND LOADS		
BASIC WIND SPEED (3-SEC)	135 MPH	
RISK CATEGORY	II	
WIND EXPOSURE	B	
INTERNAL PRESSURE COEFFICIENT	+/- 0.18	
COMPONENTS & CLADDING	PER ASCE 7-10 (CHAPTER 30)	
SEISMIC (EARTHQUAKE) LOADS		
IMPORTANCE FACTOR (I _e)	1.0	
MAPPED SPECTRAL RESPONSE ACCELERATION	S _s S ₁	
	0.168 0.060	
SITE CLASSIFICATION	D	
SPECTRAL RESPONSE COEFFICIENT	S _{ds} S _{d1}	
	0.179 0.036	
SEISMIC DESIGN CATEGORY	B	
BASIC SEISMIC FORCE RESISTING SYSTEM	STEEL ORDINARY MOMENT FRAMES	
DESIGN BASE SHEAR	6.0 k	
SEISMIC RESPONSE COEFFICIENT (C _s)	0.044	
RESPONSE MODIFICATION FACTOR (R)	3.5	
ADDITIONAL LOADS/NOTES		
ROOF FRAMING SHALL BE DESIGNED FOR FUTURE INSTALLATION OF PHOTOVOLTAIC SOLAR PANELS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE, LOCATION, AND LOADING. AT A MINIMUM, DESIGN FOR A 10 PSF UNIFORM LOAD FOR THE SOLAR PANELS.		
LATERAL DEFLECTION LIMIT	PER ARCHITECT OR H/120 FOR BRITTLE FINISHES	
FRAME BASE CONNECTION DESIGN	PINNED	

Project No.	CL-18-5898
Proj. Engineer:	ADB
Date:	05/04/18
Sheet No.	SKS-1

VOLUNTOWN
P.W. GARAGE

96 GATE STREET

CODE UPDATE - LOAD TABLE

CLA Engineers, Inc.

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M:\300\5050\5898\Voluntown Public Works\Drawings\Struct-CURRENT\FOUNDATION\PLAN with load tables.dwg (revision: 06/04/18) REV. Aug. 2018, CL. 5/4/2018, 2:00:01 PM.
ANSI standard AS 92.1 (1:10) (sheet) 1:1

PLUMBING FIXTURE SCHEDULE

DESIGNATION	DESCRIPTION	FIXTURE	FITTINGS
<u>EW</u>	EYE/FACE WASH ADA COMPLIANT	BARRIER FREE EMERGENCY EYE/FACE WASH, INTEGRAL FLOW CONTROL, 3 GPM FLOW RATE FOR MINIMUM OF 15 MINUTE DURATION, STAINLESS STEEL 11" ROUND BOWL, MESH WATER STRAINER, CHROME PLATED BRASS STAY-OPEN BALL VALVE EQUIPPED WITH STAINLESS STEEL BALL AND STEM, CHROME PLATED BRASS TRAP AND TAILPIECE, 16 GA. STAINLESS STEEL WALL BRACKET. HAWS MODEL 7360BTWC	THERMOSTATIC MIXING VALVE
<u>EWC</u>	WATER COOLER WALL MOUNT ANSI A117.1-2009 COMPLIANT	SINGLE STATION ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION EZSTLBWS, HIGH EFFICIENCY 8GPH AT 50", FRONT AND SIDE PUSHBAR ACTIVATION, BOTTLE FILLING UNIT SHALL INCLUDE ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION. VANDAL RESISTANT BUBBLER HALSEY TAYLOR MODEL HTHB-HACG8SS-NF	TRAP AND VENT FIXTURE CARRIER WATTS CA-431-1 OR EQUAL
<u>FD</u>	FLOOR DRAIN	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, NO HUB OUTLET, VANDAL PROOF. (OUTLET FULL SIZE OF PIPE) WATTS MODEL FD-100-A	PROVIDE W/TRAP PRIMER AND 2" DEEP TRAP
<u>JS</u>	JANITOR SINK	WALL MOUNTED 20-1/2"x24"Wx42-1/4"H, WHITE/BLACK, ENAMELED CAST IRON, GLOSSY PORCELAIN FINISH, STAINLESS STEEL RIM GUARD, 2 HOLES DRILLED BACK, WALL HANGER, P-TRAP, STRAINER.. AMERICAN STANDARD MODEL 7695.008	SERVICE FAUCET CHROME PLATED WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, 3/4" HOSE THREAD ON SPOUT, BODY INLETS 8" CENTER TO CENTER, FOUR ARM HANDLES, BLUE/RED INDICATORS, VALVES WITH RENEWABLE HUB, RENEWABLE SEATS, SWIVEL DISCS, ENCASED WAHSERS AND BRASS WASHER SCREWS. FIAT MODEL 830-AA
<u>LAV</u>	LAVATORY WALL MOUNTED ADA COMPLIANT	LOW CONSUMPTION, VITREOUS CHINA, FRONT OVERFLOW, D-SHAPED BOWL, SELF DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FAUCET LEDGE, 3 HOLE ON 4" CENTERS, WALL HANGER (INCLUDED) OR CONCEALED ARMS SUPPORT (SUPPORT BY PLUMBING CONTRACTOR). NOMINAL DIMENSIONS 20-1/2"x18"x4", BOWL SIZE 15"Wx10"Lx6-1/2"D. AMERICAN STANDARD MODEL LUCERNE 0355.012	FAUCET 0.5 GPM AT 60 PSI, SOLID BRASS FABRICATED BODY, VANDAL RESISTANT LEVER HANDLE WITH RED/BLUE COLOR INDICATORS, ADJUSTABLE HANDLE LIMIT STOP, 3/8"O.D. COPPER SUPPLY TUBES WITH 1/2" -14 NPSM ADAPTERS, 1/4" THREADED MOUNTING STUDS, METAL GRID STRAINER. DELTA MODEL 523LF-HGMHDFM, PROVIDE WITH 6" LONG ELBOW HANDLE OPTION RPS4687.
<u>SH</u>	SHOWER STALL ADA COMPLIANT	36"x36" I.D x 79", 1/2" BARRIER FREE THRESHOLD WITH PRE-LEVELED AND REINFORCED SHOWER BASE, FULL FIBERGLASS ENCAPSULATED WOOD BACKING ON WALLS, METAL BRACING, ARCHITECTURAL SUBWAY TILE PATTERN ACRYLIC, TEXTURED SLIP-RESISTANT FLOOR, CENTER DRAIN, COLLAPSIBLE WATER RETAINER, FOLDING SHOWER SEAT, GRAB BARS, SHOWER ROD AND CURTAIN, SURFACE MOUNTED STAINLESS STEEL SOAP DISH. FREEDOM MODEL APF3838BF4P.5	TEMPROL PRESSURE BALANCING VALVE, ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, 36" SLIDE BAR, SEPARATE 2 FUNCTION DIVERTER, INLINE VACUUM BREAKER, INTEGRAL SERVICE STOPS, 60" FLEXIBLE METAL HOSE, ADA HAND SHOWER, 1 MODE SHOWERHEAD WITH EASY TO CLEAN RUBBER NOZZLES, POLISHED CHROME FINISH. 2.5 GPM FLOW RESTRICTORS. SYMMONS MODEL ORIGINS 9605-PLR
<u>SK</u>	COUNTERTOP SINK ADA COMPLIANT	18 GAUGE, TYPE 304 STAINLESS STEEL, LEDGE TYPE, FULLY COATED UNDERSIDE INSULATED, STRIGHT SIDED COMPARTMENT WITH RADIUS CORNERS, SELF RIMMING TOP MOUNT, 17-1/2" FRONT TO BACK AND 19" SIDE TO SIDE, 5" DEEP, 4" CENTERSET. JUST MFG. MODEL SL-ADA-17519-A-GR	SINGLE CONTROL FAUCET WITH RED/BLUE INDICATORS ON HANDLE, HANDLE LIMIT STOPS, 8-3/4" SWING SPOUT WITH AERATOR, CERAMIC CONTROL COMPONENTS, METAL CONSTRUCTION, POLISHED CHROME FINISH. SYMMONS ORIGINS S-23 PROVIDE DRAIN.
<u>UR</u>	URINAL WALL HUNG ADA COMPLIANT	VITREOUS CHINA, ULTRA HIGH EFFICIENCY, FLUSHING RIM, ELONGATED 14" RIM FORM FINISHED WALL, WASHOUT FLUSH ACTION, EXTENDED SIDES, 3/4" INLET SPUD, STRAINER, 2 WALL HANGERS, 3/4" HIGH BACK PRESSURE VACUUM BREAKER, SPUD COUPLING ANMD FLANGE. AMERICAN STANDARD MODEL 6590.525.020	SELECTRONIC FLUSH VALVE, SELF CLEANING PISTON WITH INTEGRAL WIPER SPRING, HANDS FEE OPERATION, FULLY MECHANICAL MANUAL OVERRIDE, 0.125 GPF. FIXTURE CARRIER WATTS CA-311 OR EQUAL
<u>WC</u>	WATER CLOSET FLOOR MOUNT ADA COMPLIANT	TANK TYPE, LOW CONSUMPTION, VITREOUS CHINA, EVERCLEAN SURFACE, CHAMPION FLUSHING SYSTEM, 2-3/8" FULLY GLAZED TRAPWAY, 16-1/2" RIM HEIGHT FOR ADA COMPLIANCE, TWO BOLT CAPS, WHITE FINISH. AMERICAN STANDARD MODEL CHAMPION 4 731AA.001	4" NON-ADJUSTABLE PISTON ACTION ACCELERATOR FLUSH VALVE. CONSUMPTION (1.6 GPF) CHROME FINISH TRIP LEVER WAX RIGHT GASKET WITH CLOSET BOLTS COMMERCIAL HEAVY DUTY ELONGATED PLASTIC TOILET SEAT WITH OPEN FRONT CHURCH COMMERCIAL MODEL 295CT WITH STA-TITE COMMERCIAL FASTENING SYSTEM

NOTES:

1. INSULATE SUPPLIES AND WASTE FOR ALL ADA COMPLIANT FIXTURES WITH HANDI-LAV GUARD BY TRU-BRO, TYPICAL.
1. SEE PLUMBING FLOOR PLANS FOR FURTHER REQUIREMENTS. TYPICAL.
2. COORDINATE FIXTURE CARRIERS AND ACCESSORIES WITH PLUMBING PLANS AND ARCHITECTURAL DETAILS. TYPICAL.
- 3.