

**Greater New Haven Water Pollution Control Authority  
Protecting the Environment**



**PROJECT:**

**Combo JET/VAC TRUCK 2022**

**PROJECT NUMBER:**

**SSF 2022-06**

**BID OPENING:**

**10:00 A.M.**

**Wednesday**

**May 31<sup>st</sup>, 2023**

**NOT FOR BIDDING PURPOSES  
REFERENCE COPY ONLY**



**GREATER NEW HAVEN  
WATER POLLUTION CONTROL AUTHORITY  
260 EAST STREET  
NEW HAVEN, CT 06511  
PHONE: 203.466.5280 FAX: 203.772.2027  
WEB: WWW.GNHWPCA.COM  
EMAIL: Engineering@GNHWPCA.COM**

**EMERGENCY NUMBER: 203-466-5260**



## **BID PACKAGE**

**PROJECT: SSF 2022-06**

**BID PACKAGE FOR:**

**GREATER NEW HAVEN WPCA  
JET/VAC TRUCK 2022**

**The Bid Package for JET/VAC Truck contains the following:**

- A. INVITATION**
- B. PROPOSAL**
- C. BID REPLY SHEET**
- D. SPECIFICATION**
- F. SAMPLE PURCHASE ORDER WITH TERMS AND CONDITIONS**

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**Greater New Haven**  
**Water Pollution Control Authority**

**INVITATION**

**PROJECT: JET/VAC TRUCK 2022**

**PROJECT NUMBER: SSF 2022-06**

Sealed bids will be received at the Office of the Director of Finance and Administration of the Greater New Haven Water Pollution Control Authority located at 260 East Street, New Haven, Connecticut 06511 for **PROJECT: JET/VAC TRUCK (SSF 2022-06)** until **10:00 AM on Wednesday, May 31, 2023** at which time and place said bids will be opened publicly and read aloud.

**Contract is defined as a supply of a new JET/VAC (Sewer Cleaner) Truck. This Project also allows the bidder to make a trade-in offer on the Authority's existing JET/VAC Truck.**

The "Bid Package" containing the Invitation, Proposal, Bid Reply Form, Specifications, and Sample Purchase Order can be obtained upon payment of non-refundable fee of Twenty-Five Dollars (\$25.00) at the Office of the Director of Operations at 260 East Street, New Haven, Connecticut 06511.

There will be a **non-mandatory pre-bid meeting on Wednesday, May 3rd, 2023 at 10:00 AM** at the Greater New Haven Water Pollution Control Authority Water Pollution Abatement Facility (345 East Shore Parkway, New Haven, Connecticut 06511). **All questions from Bidders must be received by the Authority via email by Friday, May 19<sup>th</sup>, 2023 at noon**, in order to receive consideration. **(emails to: [engineering@gnhwpc.com](mailto:engineering@gnhwpc.com)).**

The successful bidder will be required to complete a purchase order form in acceptance of the Authority's terms and conditions. The Greater New Haven Water Pollution Control Authority reserves the right to alter quantities and to accept or reject any or all bids or any portion of any bids, for any or no reason, including unavailability of appropriated funds as it may deem to be in its best interests.

**Gabriel Varca**  
**Director of Finance and Administration**



## **PROPOSAL**

**PROJECT SSF 2022-06**

### **PROPOSAL FOR JET/VAC TRUCK**

**The Undersigned hereby agree to furnish and deliver at the net prices named herein following items, subject to and in accordance with specifications and conditions contained in the Bid Invitation.**

**Greater New Haven Water Pollution Control Authority  
260 East Street  
New Haven, CT 06511**

To Whom It May Concern,

In submitting this bid the duly authorized undersigned declares that the entity on behalf of which this bid is made is, or they are, the only person or persons interested in the said bid; that the bid is made without any connection with any person making another bid for the same contract; that the bid is in all respects fair and without collusion, fraud or mental reservation; and that no official of the Greater New Haven Water Pollution Control Authority, or any person in the employ of the Authority is directly or indirectly interested in said bid or in the supplies or work to which it relates, or in any portion of the profits thereof.

The undersigned also hereby declares that they have, either for themselves or on behalf of the entity they represent, carefully examined the specifications for these materials, and are satisfied as to all the quantities and conditions, and understands that in signing this Proposal they or the entity that they represent waive all rights to plead any misunderstanding regarding the same.

The undersigned further understands and agrees that they are to furnish and provide for the respective item price bid all the necessary material, machinery, implements, tools, labor, services, and other items of whatever nature, and to do and perform all the Work necessary under the aforesaid conditions, to complete the improvements of the Project, which specifications it is agreed are a part of this Proposal, and to accept in full compensation therefore the amount of the summation of the products of the approximate quantities multiplied by the unit prices bid. This summation will hereinafter be referred to as the gross sum bid.

The undersigned further agrees to accept the aforesaid unit bid prices in compensation for any additions or deductions caused by any variation in quantities.

- A. Time is of the Essence. All Work to be performed under the Contract shall be completed within the time stated in the Agreement for the Project or within such extended time for completion as may be granted by the Authority.

- B. As a condition of the Purchase Order, the successful Bidder shall provide proof, from the Connecticut Secretary of State's office, of its current authorization to do business in Connecticut. All Connecticut corporations must provide a Certificate of Good Standing from the Secretary of State's Office. All foreign (out of State) corporations shall provide a valid license to do business in Connecticut, in the form of a current Certificate of Authority from the Secretary of State's office. These documents must be presented within thirty (30) days from the date of the bid opening.

Bidder acknowledges receipt of the Addenda listed below and further acknowledges that the provisions of each Addendum have been included in the preparation of this bid.

<u>Addendum No.</u>	<u>Date Received</u>	<u>Addendum No.</u>	<u>Date Received</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**COMPANY NAME (BIDDER):** \_\_\_\_\_

**Address of Bidder:** \_\_\_\_\_  
 \_\_\_\_\_

**Phone Number:** Area Code ( \_\_\_\_\_ ) \_\_\_\_\_

I hereby sign this document acting within my authority as a duly authorized representative of the named Bidder. By signing below I certify, acknowledge and affirm that the information set forth in this document is true, accurate and complete to the best of my knowledge and belief.

**Signature of Bidder:** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**Names and Addresses of Members of the Firm:**

\_\_\_\_\_  
 \_\_\_\_\_

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# BID REPLY FORM

## JET /VAC TRUCK (SSF2022-06)

(Page 1 of 3)

Vendor shall provide pricing below. All pricing shall be complete and include all costs.

The Authority reserves the right to award on a line-by-line basis.

<u>SPECIFIED ITEM</u>	<u>QTY.</u>		<u>TOTAL</u>
<b>Jet/Vac Truck</b> Jet Vac truck as specified in Section 2.0	1	Item A	\$ _____
<b>Trade – in Deductive Alternate</b> Sterling LT 7501 Sewer Truck by Gradall Inc. Year: 2007 VIN 2FZHYZDE27AY64799 as described in Section 3.0	1	Item B	\$ (-) _____

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# **REQUEST FOR BID SSF 2022-06**

**REPLY SHEET (Page 2 of 3)**

Vendor shall hold pricing firm for 90 days after bid opening.

Vendor shall provide a parts and labor warranty on the Camera upgrades covering all equipment, after the project is completed.

Vendor shall deliver Jet/Vac Truck within 365 calendar days after the contract is awarded.

Exceptions PLEASE SEE SPECIFICATIONS SECTION

In submitting this bid/proposal the duly authorized undersigned declares that the entity on behalf of which this bid is made is, or they are, the only person or persons interested in the said bid; that the bid is made without any connection with any person making another bid for the same contract; that the bid is in all respects fair and without collusion, fraud or mental reservation; and that no official of the Greater New Haven Water Pollution Control Authority, or any person in the employ of the Authority is directly or indirectly interested in said bid or in the supplies or work to which it relates, or in any portion of the profits thereof.

Vendor Name: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

## **CRITERION FOR EVALUATION OF BIDS**

The Greater New Haven Water Pollution Control Authority is not considering price alone. The criteria used in evaluating bids received will include, but not be limited to, the following:

1. Price of vendor's product including selected alternates
2. Ability of vendor to deliver products in a timely fashion
3. Quality of vendor's product
4. Delivery terms and conditions.
5. Warranty.
6. Exceptions taken to the language or specs of this Request for Bid.

**REQUEST FOR BID SSF 2022-06**

REPLY SHEET (Page 3 of 3)

**VENDOR INFORMATION:**

VENDOR \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE # \_\_\_\_\_ FAX # \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

WEB SITE \_\_\_\_\_

AUTHORIZED SIGNATURE \_\_\_\_\_

PRINT NAME \_\_\_\_\_

TITLE \_\_\_\_\_

TAXPAYER IDENTIFICATION NO. \_\_\_\_\_

INCORPORATED IN THE STATE OF \_\_\_\_\_

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## **BID SPECIFICATIONS**

### **SSF 2022-06**

#### **COMBO JETVAC TRUCK**

##### 1. General:

###### 1.1. Bid Instructions

- 1.1.1. Bidder shall fully complete the Bid Reply form and Proposal form and return in a sealed envelope marked with Project no., Project Name, and Bid Opening date and time before the time specified in the Invitation.
- 1.1.2. Bid amount shall be inclusive of all costs and fees to deliver the vehicle to 345 East Shore Parkway, New Haven, CT 06512.
- 1.1.3. All Bidders must purchase a Bid Package at the price listed in the Invitation to be eligible to bid.
- 1.1.4. All Bidders must provide specifications for the chassis and vacuum body with their bid. Any variations from the specifications contained herein must be specifically noted.

###### 1.2. Scope of Supply:

- 1.2.1. Supply Combo JET/Vac Sewer Cleaner Truck as described herein. All devices and equipment specified herein shall be new and of current production and delivered ready for operation.
- 1.2.2. The Bidder shall have a Factory authorized shop within 75 miles of the Authority's Main Facility located in New Haven, CT.

###### 1.3. Delivery/Pick-up:

- 1.3.1. Delivery of the Vehicle shall be to 345 East Shore Parkway, New Haven CT. 06512. The Bidder shall make arrangements for delivery during the Authority's normal delivery hours which are: Monday thru Friday 8:30am to 3:30pm, Holidays excluded.

###### 1.4. Submittals: As minimum for all equipment specified:

- 1.4.1. Manufacturer's specifications and product data sheets.
- 1.4.2. Dimensional drawings.
- 1.4.3. Manufacturer's Warranty documentation.

###### 1.5. Testing/Training:

- 1.5.1. Testing of all components shall be performed at the Vendor's shop prior to acceptance by the Authority. The GNPWPCA shall have an opportunity to witness all testing.
- 1.5.2. Bidder shall supply training on all system components and controls. Training shall be for a minimum of four (4) hours and shall consist of hands on training with the equipment.

1.6. Warranty:

- 1.6.1. Successful Bidder Shall Warranty the vehicle for a minimum of three years/36,000 miles bumper to bumper, no deductible, from time of acceptance by the GNHWPCA.

1.7. Supplier Criteria:

- 1.7.1. The Authorized Supplier shall have a shop within 75 miles which employs factory trained service technicians capable of providing warranty service and performing maintenance and service procedures on the equipment supplied.

2. JET/ VAC Truck Specifications:

The following specifications are intended to provide the minimum acceptable standards for one (1) Vacuum Truck, for use by the WATER POLLUTION CONTROL AUTHORITY (WPCA). The Vacuum Truck, including all necessary equipment and accessories, shall be delivered complete with full dealer preparation, full tank of fuel, lubricants and coolants, ready for immediate use. The vehicle shall be new and the latest model of the manufacturer. Vehicles must meet all requirements of the U. S. Department of Transportation (DOT) and the Connecticut Department of Motor Vehicles (DMV) at the time of delivery. Any variations from the specifications must be noted at the time of bid. Failure to list such variations may be considered "NON-RESPONSIVE" and the bid may be rejected. **The GNHWPCA will consider alternate specifications only if they are deemed to be equal or superior to specifications listed below.** Bidder shall describe Materials supplied in sufficient detail in order for the GNHWPCA to assess suitability of the equipment. It is the Authority's sole decision whether to accept or reject alternate specifications.

GENERAL SPECIFICATIONS

The Vacuum Truck described herein is the latest model 114SD CONVENTIONAL CHASSIS, equipped with a SEWER/INDUSTRIAL VACUUM BODY, as manufactured by FREIGHTLINER TRUCKS CO. and describes the minimum standards for equipment of equal quality. Vehicle is to be of the current year at the time of delivery.

A. Vehicle Chassis

- 1) Engine: DETROIT DD13 450 HP @ 1625 RPM OR APPROVED EQUAL
  
- 2) Electronic Parameters:
  - 75 MPH ROAD SPEED LIMIT
  - PTO MODE ENGINE RPM LIMIT - 1100 RPM
  - PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PARK BRAKE NOT APPLIED
  - PTO RPM WITH CRUISE SET SWITCH - 700 RPM
  - PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
  - PTO MODE CANCEL VEHICLE SPEED - 5 MPH
  - PTO MODE RPM INCREMENT- 25 RPM
  - PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND

ENABLE REGENERATION IN PTO  
MODE ONE REMOTE PTO SPEED  
REMOTE PTO SPEED 1 SETTING - 900  
RPM PTO MINIMUM RPM - 600

- 3) Engine Equipment: 2013 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14  
2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH  
LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)  
STANDARD OIL PAN  
ENGINE MOUNTED OIL CHECK AND FILL

SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR  
CLEANER  
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE  
BATTERY VOLT SENSE  
(3) ALLIANCE MODEL 1231, GROUP 31 12 VOLT MAINTENANCE FREE 3375  
CCA THREADED STUD BATTERIES  
BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO  
RAIL STANDARD BATTERY JUMPERS  
BATTERY BOX MOUNTED LH SIDE 7" AFT OF CAB  
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL  
FRAME GROUND RETURN  
NON-POLISHED BATTERY BOX COVER  
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL  
SWITCH MOUNTED OUTBOARD DRIVEIR SEAT  
BW MODEL BA-921 10.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH  
SAFETY VALVE  
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION  
SYSTEM JACOBS COMPRESSION BRAKE  
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL  
AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED  
VERTICAL TAILPIPE ENGINE AFTERTREATMENT DEVICE, AUTOMATIC  
OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION  
REQUEST SWITCH 11 FOOT 06 INCH (138 INCH+O/-5 INCH) EXHAUST  
SYSTEM HEIGHT RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED  
ROUTED FROM STEP 13 GALLON DIESEL EXHAUST FLUID TANK  
100 PERCENT DIESEL EXHAUST FLUID FILL  
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING  
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK  
LOCATION STANDARD DIESEL EXHAUST FLUID TANK CAP  
ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)  
BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH  
AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR  
LIGHT, NON ENGINE MOUNTED  
DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR  
WITH WATER-IN-FUEL INDICATOR  
FULL FLOW OIL FILTER  
DDC SUPPLIED COOLANT FILTER, ENGINE MOUNTED  
1500 SQUARE INCH ALUMINUM RADIATOR  
ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY  
DUTY COOLANT

GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT  
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES  
RADIATOR DRAIN VALVE  
DELCO 12V 39MT+ HD/OCP STARTER WITH THERMAL PROTECTION  
AND INTEGRATED MAGNETIC SWITCH

4) Front Axle/  
Equipment:

DETROIT DA-F-20.0-5 20,000# FL171.0 KPI/3.74 DROP SINGLE FRONT AXLE  
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR,  
FABRICATED SHOES  
NON-ASBESTOS FRONT BRAKE LINING  
CONMET CAST IRON FRONT BRAKE DRUMS  
FRONT BRAKE DUST SHIELDS  
SKF SCOTSEAL PLUS XL FRONT OIL SEALS  
VENTED FRONT HUB CAPS WITH WINDOW CENTER AND SIDE PLUGS - OIL  
STANDARD SPINDLE NUTS FOR ALL AXLE  
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS  
STANDARD KING PIN BUSHINGS  
TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR  
POWER STEERING PUMP  
4 QUART POWER STEERING RESERVOIR  
OIL/AIR POWER STEERING COOLER  
ORGANIC SAE 80/90 FRONT AXLE LUKE

5) Front Suspension:

20,000# TAPER LEAF FRONT SUSPENSION  
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION  
FRONT SHOCK ABSORBERS

6) Rear Axle/  
Equipment:

RT-46-160/46,000# R-SERIES TANDEM REAR AXLE  
5.63 REAR AXLE RATIO  
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING  
MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND  
YOKES  
MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF  
ROUND YOKES  
(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES BLINKING  
LAMP WITH EACH MODE SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION  
OFF  
MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE  
ANCHOR, FABRICATED SHOES  
NON-ASBESTOS REAR BRAKE LINING  
STANDARD BRAKE CHAMBER LOCATION  
CONMET CAST IRON REAR BRAKE DRUMS  
REAR BRAKE DUST SHIELDS  
SKF SCOTSEAL PLUS XL REAR OIL SEALS  
HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING  
CHAMBERS  
HALDEX AUTOMATIC REAR SLACK ADJUSTERS  
ORGANIC SAE 80/90 REAR AXLE LUBE

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- 7) Rear Suspension: HENDRICKSON RT463 REAR SUSPENSION @ 46,000#  
HENDRICKSON RT/RTE - 7.19" SADDLE  
STANDARD U-BOLT PAD  
54 INCH AXLE SPACING  
STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS  
FORE/AFT CONTROL RODS
- 8) Brakes: WABCO 4S/4M ABS WITHOUT TRACTION CONTROL  
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES  
FIBER BRAID PARKING BRAKE HOSE  
STANDARD BRAKE SYSTEM VALVES  
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM  
STD U.S. FRONT BRAKE VALVE  
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE  
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER  
BENDIX OIL COALESCING FILTER FOR AIR DRYER  
AIR DRYER MOUNTED OUTBOARD ON RH RAIL BACK OF CAB, MAXIMUM 20 INCHES BACK OF CAB PROTRUSION  
STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION  
CLEAR FRAME RAILS 36 INCHES FROM BACK OF CAB  
INSIDE/OUTBOARD/BELOW BOTH FRAME RAILS  
PULL CABLES ON ALL AIR RESERVOIR(S)
- 9) Tires: MICHELIN XZY-3 385/65R22.5 18 PLY RADIAL OR APPROVED EQUAL FRONT TIRES  
MICHELIN X MULTI D 11R22.5 16 PLY RADIAL OR APPROVED EQUAL REAR TIRES
- 10) Hubs: CONMET PRESET PLUS IRON FRONT HUBS  
CONMET PRESET PLUS IRON REAR HUBS
- 11) Wheels: MAXION WHEELS 10035 22.5X12.25 10-HUB PILOT 4.75 INSET 5-HAND STEEL DISC FRONT WHEELS  
ACCURIDE 50408 ACCU-LITE 225X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS
- 12) Trailer Connections: UPGRADED CHASSIS MULTIPLEXING UNIT
- 13) Transmission: ALLISON 4000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION  
ALLISON VOCATIONAL PACKAGE 150 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS  
ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS  
AVAILABLE WITH ALL PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6,  
 AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY  
 SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6,  
 AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY ELECTRONIC  
 TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED  
 (2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTC)'S  
 PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION  
 MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND  
 DRAIN  
 PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED  
 TRANSMISSION PROGNOSTICS - ENABLED 2013  
 WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED  
 TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK  
 SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

14) Wheelbase and Frame:

6975MM (275 INCH) WHEELBASE  
 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MM X 301.6MM/0.5X11.88 INCH)  
 120KS1  
 1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT  
 1650MM (65 INCH) REAR FRAME OVERHANG  
 FRAME OVERHANG RANGE: 61 INCH TO 70 INCH  
 24 INCH INTEGRAL FRONT FRAME EXTENSION WITH 0.25 INCH INSERT  
 CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 191.54 in  
 CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) :  
 188.54 in  
 CALC'D FRAME LENGTH - OVERALL : 391.69  
 CALC'D SPACE AVAILABLE FOR DECKPLATE : 191.54 in  
 CALCULATED FRAME SPACE LH SIDE : 119.72 in  
 CALCULATED FRAME SPACE RH SIDE : 159.68 in  
 SQUARE END OF FRAME  
 FRONT CLOSING CROSSMEMBER  
 STANDARD WEIGHT ENGINE CROSSMEMBER  
 STANDARD MIDSHIP #1 CROSSMEMBER(S)  
 STANDARD REARMOST CROSSMEMBER  
 HEAVY DUTY SUSPENSION CROSSMEMBER

15) Chassis Equipment: BETTS B-25 PAINTED MUDFLAP BRACKETS  
 BLACK MUDFLAPS  
 GRADE 8 THREADED HEX HEADED FRAME FASTENERS

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CUSTOMER REQUESTED .DXF "DRIVEUNE AND CROSSMEMBER ONLY"  
LAYOUT

- 16) Fuel Tanks: 100 GALLON/378 LITER ALUMINUM FUEL TANK - LH  
25 INCH DIAMETER FUEL TANK(S)  
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH  
PAINTED BANDS  
FUEL TANK(S) FORWARD  
PLAIN STEP FINISH  
FUEL TANK CAP(S)  
EQUIFLO INBOARD FUEL SYSTEM  
CUSTOM FITTINGS-AUX FUEL SUP/RET  
AUX STAND PIPE TO BE 476MM LONG  
HIGH TEMPERATURE REINFORCED NYLON FUEL LINE  
FUEL COOLER .
- 17) Cab Exterior: 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB AIR  
CAB MOUNTS  
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE 3-  
1/2 INCH FENDER EXTENSIONS  
LH AND RH GRAB HANDLES  
BRIGHT FINISH RADIATOR SNELL/HOOD BEZEL  
STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS  
CHROME HOOD MOUNTED AIR INTAKE GRILLE  
FIBERGLASS HOOD  
SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED  
SINGLE ELECTRIC HORN  
SINGLE HORN SHIELD  
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME  
REAR LICENSE PLATE MOUNT END OF FRAME  
HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS LED  
AERODYNAMIC MARKER LIGHTS  
DAYTIME RUNNING LIGHTS - LOW BEAM ONLY  
INTEGRAL STOP/TAIL/BACKUP LIGHTS  
STANDARD FRONT TURN SIGNAL LAMPS  
DUAL WEST COAST BRIGHT FINISH MIRRORS  
DOOR MOUNTED MIRRORS  
102 INCH EQUIPMENT WIDTH  
LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER  
PRIMARY MIRRORS  
STANDARD SIDE/REAR REFLECTORS  
RH AFTERTREATMENT SYSTEM CAB ACCESS WITH STEEL SHIELDING 2-  
STAGE ELECTRIC HORN AND HAZARD LAMP ALERT CONTROLLED BY  
PARTICULATE FILTER REGENERATION REQUIRED STATUS 63X14 INCH  
TINTED REAR WINDOW  
SIDE STEPS

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TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING  
WINDOWS  
MANUAL DOLOR WINDOW REGULATORS  
TINTED WINDSHIELD  
8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOIINTED, WITHOUT  
FLUID LEVEL INDICATOR

18) Cab Interior:

OPAL GRAY VINYL INTERIOR  
MOLDED PLASTIC DOOR PANEL  
MOLDED PLASTIC DOOR PANEL  
BLACK MATS WITH SINGLE INSULATION  
DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER  
FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE  
COMPARTMENTS WITHOUT NETTING  
IN DASH STORAGE BIN  
(2) CUP HOLDERS LH AND RH DASH  
GRAY/CHARCOAL FLAT DASH  
HEATER, DEFROSTER AND AIR CONDITIONER  
STANDARD HVAC DUCTING  
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH  
STANDARD HEATER PLUMBING  
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR  
BINARY CONTROL, R-134A  
STANDARD INSULATION  
SOLID-STATE CIRCUIT PROTECTION AND FUSES 12V  
NEGATIVE GROUND ELECTRICAL SYSTEM  
DOME LIGHT WITH 3 WAY SWITCH ACTIVATED BY LH AND RH DOORS CAB  
DOOR LATCHES WITH MANUAL DOOR LOCKS (1) 12 VOLT POWER SUPPLY  
IN DASH  
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL  
LUMBAR AND INTEGRATED CUSHION EXTENSION  
2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT WITH  
HEADRESTS  
LH AND RH INTEGRAL DOOR PANEL ARMRESTS  
VINYL WITH VINYL INSERT DRIVER SEAT  
VINYL WITH VINYL INSERT PASSENGER SEAT  
3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER AND PASSENGER AND  
2 POINT HIGH VISIBILITY ORANGE RETRACTOR CENTER FRONT SEAT BELTS  
FIXED STEERING COLUMN  
4-SPOKE 18 INCH (450MM) STEERING WHEEL  
DRIVER AND PASSENGER INTERIOR SUN VISORS

19) Instruments &  
Controls:

GRAY DRIVER INSTRUMENT PANEL

NOT FOR BIDDING PURPOSES  
REFERENCE COPY ONLY

GRAY CENTER INSTRUMENT PANEL  
ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK  
BLACK GAUGE BEZELS  
LOW AIR PRESSURE LIGHT AND BUZZER  
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES  
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS  
ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL KEY  
OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION  
OFF/RUN/START/ACCESSORY ODOMETER/TRIP/HOUR/DIAGNOSTIC/VOLTAGE  
DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3  
DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH  
2 INCH ELECTRIC FUEL GAUGE  
FUEL FILTER RESTRICTION INDICATOR  
ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE  
ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT  
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE  
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE  
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY  
CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS  
ELECTRIC ENGINE OIL PRESSURE GAUGE  
AM/FM RADIO WITH FRONT AND REAR AUXILIARY INPUTS AND J1939  
DASH MOUNTED RADIO  
(2) RADIO SPEAKERS IN CAB  
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF  
ELECTRONIC MPH SPEED METER WITH SECONDARY KPH SCALE, WITHOUT  
ODOMETER  
ELECTRONIC 3000 RPM TACHOMETER  
DETROIT CONNECT VIRTUAL TECHNICIAN REMOTE ENGINE DIAGNOSTICS  
(DETROIT ENGINES ONLY)  
2 YEAR SERVICE CONTRACT INCLUDED WITH VIRTUAL TECHNICIAN  
IGNITION SWITCH CONTROLLED ENGINE STOP  
PRE FLIGHT, ALL OUTPUTS FLASH WITH SMART SWITCH  
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY SINGLE ELECTRIC  
WINDSHIELD WIPER MOTOR WITH DELAY MARKER LIGHT SWITCH INTEGRAL  
WITH HEADLIGHT SWITCH ALTERNATING FLASHING HEADLAMP SYSTEM WITH  
DASH SWITCH AND NO PARK BRAKE INTERLOCK  
ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR  
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND  
HAZARD IN HANDLE  
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS  
OVERRIDING STOP LAMPS  
DOWN HILL SELECTOR FOR ENGINE BRAKE ACTIVATION

NOT FOR BIDDING PURPOSES  
REFERENCE COPY ONLY

20) Paint: PAINT: WHITE - WATER TANKS- WHITE  
CAB COLOR A: L0006EB WHITE ELITE BC  
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT  
MAXION WHEELS W POWDER WHITE (N0006EA) FRONT WHEELS/RIMS  
POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)

21) Cert./Compliance: U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

22) Extended Warranty: TOWING EXTENDED/ROADSIDE SERVICE WARRANTY, 5  
YEARS/UNLIMITED MILES/KM, \$550 CAP

23) Vehicle Spec.

Summary:

Model114SD  
Wheelbase (545) 6975MM (275 INCH) WHEELBASE  
Rear Frame Overhang (552) 1650MM (65 INCH) REAR FRAME OVERHANG Fifth  
Wheel (578) NO FIFTH WHEEL  
Mounting Location (577) NO FIFTH WHEEL LOCATION  
Maximum Forward Position (in)  
Maximum Rearward Position (in)  
Amount of Slide Travel (in) 0  
Slide increment (in) 0  
Desired Slide Position (in) 0  
Cab Size (829) 114 INCH ABC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Sleeper (682) NO SLEEPER BOX/SLEEPER CAB  
Exhaust System (016) RH OUTBOARD UNDER STEP MOUNTED  
HORIZONTAL AFTER TREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR  
MOUNTED VERTICAL TAILPIPE

24) Back-up Camera: TWO CAMERA SYSTEM AND DISPLAY, 1 REAR VIEW, 1 MANHOLE VIEW

25) Parts and

Operating Manual: SUCCESSFUL BIDDER SHALL SUPPLY TWO (2) COMPLETE COPIES OF PARTS LIST  
AND SERVICE MANUAL WITH THE TIME OF DELIVERY

26) Additional: TELMA ELECTROMAGNETIC BRAKING SYSTEM

B. Vacuum Body

27) Chassis/Mounting: FENDERS  
MUD FLAPS BEHIND REAR TIRES  
TOW HOOKS - FRONT  
FACTORY MOUNTING TANDEM AXLE  
REAR DOT UNDER RIDE PROTECTION (BUMPER)

28) Debris Tank: MINIMUM 10 CUBIC YARD CAPACITY W/ LIFETIME WARRANTY  
HYDRUALIC VIBRATOR TO ASSIST IN OFFLOADING OPERATIONS  
TAILGATE POWER UP / DOWN, HYDRAULIC LOCKS

SINGLE HOIST CYLINDER  
 SINGLE REAR DOOR SAFETY PROP  
 STAINLESS STEEL FLOAT BALL SHUT-OFF  
 STAINLESS STEEL FLOAT BALL CAGE  
 FLOAT LEVEL INDICATOR WITH STAINLESS STEEL BALL  
 SPLASH SHIELD  
 SINGLE DEBRIS BODY SAFETY PROP

- 29) Debris Tank Decant: HYDRUALIC PUMP OFF SYSTEM - MINIMUM CAPACITY OF 300 GPM  
 W/ ISOLATION VALVE ON INLET AND OUTLET. MALE CAM LOCK FITTING  
 ON OUTLET. INTERNAL DECANT SCREEN  
 6" DECANT PORT ON REAR DOOR WITH 6" SLIDE GATE WITH MALE  
 CAMLOK WITH CAP  
 6" DRAIN VALVE - BRASS SLIDE GATE WITH MALE CAMLOK FITTING WITH CAP  
 INTERNAL FULL SIZE DECANT SCREEN - HINGED -PASSENGER SIDE
- 30) Pressure Water  
 System: VARIABLE OUTPUT HYDROSTATIC WATER SYSTEM  
 80 GPM AT 2,000 PSI RATED OUTPUT OR GREATER W/ 5-YEAR WARRANTY  
 PRESSURE RELIEF VALVE  
 GATE VALVE ON WATER PUMP INLET  
 STRAINER ON WATER PUMP INLET  
 DRAIN VALVE IN WATER PUMP SUPPLY LINE  
 WATER DISTRIBUTION MANIFOLD (CENTRALLY LOCATED)  
 SELF-WINDING HANDGUN HOSE REEL W/ 50 FOOT OF 1/2" HOSE MINIMUM  
 AND HANDGUN (20 GPM@800 PSI MINIMUM)
- 31) Hose Reel: REAR MOUNTED 800' CAPACITY HOSE REEL (1" HOSE)  
 HYDRAULIC HOSE REEL TILT (ELECTRIC OVER HYDRAULIC)  
 REEL PIVOT-180 DEGREE WITH AIR BRAKE  
 DIGITAL SEWER HOSE FOOTAGE COUNTER DISPLAYED AT OPERATORS  
 STATION
- 32) Lighting: LED D.O.T. LIGHTING (INCLUDES STOP, TAIL, TURN AND BACK-UP)  
 LED BOOM FLOOD LIGHT SYSTEM  
 LED WORK AREA FLOOD LIGHT SYSTEM PROVIDING LIGHTING ON THE  
 FRONT, SIDES AND REAR OF THE VEHICLE  
 DEBRIS TANK STROBE LIGHTS, TOP AND LOW MOUNTED SIDES  
 (MINIMUM of 6)  
 TRAFFIC ADVISOR BAR OR BOARD  
 ALL LIGHTING UNITS SHALL BE MANUFACTURED BY WHELEN OR  
 APPROVED EQUAL, MEETING APPLICABLE SAE AND INGRESS  
 PROTECTION STANDARDS FOR VEHICLE MOUNTED LIGHTING  
 SYSTEMS
- 33) Operator Controls: TRANSFER CASE SHIFT CONTROLS IN CAB  
 THROTTLE CONTROL AT HOSE REEL CONTROL PANEL  
 WATER PRESSURE GAUGE ON COLOR LCD DISPLAY MODULE  
 TACHOMETER / HOURMETER ON COLOR LCD DISPLAY MODULE

VACUUM GAUGE ON COLOR LCD DISPLAY MODULE  
HYDRAULIC PRESSURE GAUGE  
WATER PUMP HOURMETER (AT FRONT CONTROL PANEL LCD DISPLAY)  
BLOWER HOURMETER (AT FRONT CONTROL PANEL LCD DISPLAY)  
BOOM, BODY AND TAILGATE AUX. HYDRAULICS  
REEL SHIFT FOR TRANSFER CASE/BLOWER ENGAGEMENT FROM REEL AREA  
1P66 SEALED EXTERIOR ELECTRICAL CONTROLS AND WIRING HARNESS  
W/PROTECTIVE COVER THAT EXCEEDS NEMA 4 RATINGS  
EMERGENCY STOP

- 34) Packaged Items: AUTOMATIC LUBRICATION SYSTEM FOR ALL GREASE POINTS ON  
VACUUM BODY  
PENDANT REMOTE CONTROL (WIRELESS)  
25' X 1" LEADER HOSE  
600' LENGTH SEWER CLEANING HOSE (1" DIA.) 2500 PSI  
FILL HOSE 25' X 2 1/2"  
(1) 5.0' CROWN PIPE, (3) 5.0' STANDARD PIPE, ASSOCIATED CLAMPS AND  
GASKETS  
TRAFFIC CONE HOLDER (NO CONES)
- 35) Paint/Coatings: ALL PROMINENT SURFACES SHALL BE PAINTED WHITE  
ACCESSORY MECHANICAL EQUIPMENT SHALL BE PAINTED/COATED BLACK  
(I.E. CYCLONE SEPARATOR, WATER PUMP, ETC.)
- 36) Power Module: SHUT-OFF VALVES ON SUCTION SIDE  
TRANSFER CASE REMOTE SIGHT GLASS AND FILL  
PLATFORM AND STEPS ON POWER FRAME
- 37) Tool Boxes/  
Enclosures: TUBE RACK SYSTEM CAPABLE OF HOLDING 4 TUBES  
VERTICALLY  
LOCKABLE ALUMINUM TOOL BOXES ON BOTH SIDES OF  
THE TRUCK (2 MINIMUM)
- 38) Vacuum System: TELESCOPING BOOM W/ 180 DEGREES OF POWERED ROTATION  
CYCLONE SEPARATOR WITH CLEAN OUT/COLLECTION CHAMBER  
VAC PUMP RATED AT 4100CFM@18"HG (MINIMUM), ROOTS 824 OR  
APPROVED EQUAL  
STAINLESS STEEL STRAINER BASKET IN CYCLONE SEPARATOR
- 39) Water Tank: 2 TANKS, 1,100 GALLON TOTAL (MINIMUM), W/ LIFETIME WARRANTY  
4" AIR GAP WATER TANK FILL (TANK FILL ON PASSENGER SIDE)  
SIGHT LEVEL TUBE ON PASSENGER SIDE WATER TANK  
INTERCONNECT  
LIFETIME WARRANTY  
COLD WEATHER RECIRCULATION SYSTEM WITH DEDICATED ELECTRIC  
PUMP

NOT FOR BIDDING PURPOSES  
REFERENCE COPY ONLY

40) Delivery: VEHICLE SHALL BE DELIVERED F.O.B. TO 345 EAST SHORE PARKWAY, NEW HAVEN CT. VEHICLE IS TO BE FULLY SERVICED AND READY FOR IMMEDIATE USE.

### 3. Trade-in (Deductive Bid Alternate)

Bidder shall provide a deductive alternate bid for the trade-in of the GNHWPCA's existing JET/VAC TRUCK. **The existing JET/VAC TRUCK will be signed over to the successful bidder at the time of delivery of the new JET/VAC TRUCK.** Bidders shall be allowed to view the existing JET/VAC TRUCK during the scheduled pre-bid meeting. Outside of the scheduled pre-bid meeting, prospective bidders may contact Richard Hurlburt at 203-466-5263 to schedule a single additional viewing between the dates of May 9<sup>th</sup>, 2023 and May 11<sup>th</sup>, 2023 between the hours of Noon and 3p.m. at 345 East Shore parkway, New Haven CT. Viewing appointments are subject to be rescheduled at any time based on availability of truck during this time period.

#### 3.1 Trade-In Specification

The following specifications describe the Authority's Trade-in.

Model Sterling LT 7501 Sewer Truck by Gradall Ind. Inc.

Year: 2007

Mileage: 160,849 (As of 3-2-2023)

Hours: 4,956 (As of 3-2-2023)

VIN No.: 2F2HAZDE27AY64799

Truck Engine: Caterpillar C7 330HP

Truck Transmission: Allison automatic 3000 series

Transfer Case: OMSI

Hydrostatic Pump: General Pump MS55 – hydrostatic drive

Blower: Roots Dresser 824

Paint Color: White cab/red body

The GNHWPCA continues to operate the vehicle on an as needed basis, Mileage and Run-time will consequently increase between bid advertisement and the time of trade-in. Typical annual mileage addition is approximately 6,000 miles.

**GREATER NEW HAVEN WATER POLLUTION CONTROL AUTHORITY  
PURCHASE ORDER**

Please fill in this Purchase Order form and return it to The Greater New Haven Water Pollution Control Authority by mail or fax to the address below:

Address:	<b>The Greater New Haven Water Pollution Control Authority 260 East Street New Haven, CT 06511 Attn: Sidney J. Holbrook, Executive Director</b>
Fax:	(203) 466-5286
Telephone:	(203) 466-5280

Purchase Order Number:
------------------------

Vendor Information:

Vendor Name:
Address:
Fax:
Telephone:
Contact Person:

Products Required:

Products:	Quantity	Price	Total
See Attached Bid Proposal			

Services Required:

Description of Services:
Camera Truck Upgrades
Price:

Deliver to:

Address:	<b>The Greater New Haven Water Pollution Control Authority 260 East Street New Haven, CT 06511 Attn: Sidney J. Holbrook, Executive Director</b>
Fax:	(203) 466-5286
Telephone:	(203) 466-5280

Please check the details you have provided are correct and sign and date below. You acknowledge and agree that this Purchase Order is governed by the attached Purchase Order Terms and Conditions. All prices referenced in this Purchase Order shall be in U.S. Dollars.

Vendor: \_\_\_\_\_

Signed: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

## Purchase Order Terms and Conditions

- Agreement:** The Purchase Order ("Order"), constitutes the Authority's offer to Vendor upon the terms and conditions stated herein and on the one or more face pages of all orders for goods and/or services issued from time to time by the Authority to the Vendor, and any documents attached to or referred to within such orders. This Order shall be deemed accepted by Vendor in accordance with the provisions of Section 2 below. As used herein, the term "Vendor" shall mean the seller of goods and/or the provider of services contemplated by the Order; and the term "Authority" shall mean the Greater New Haven Water Pollution Control Authority.
- Acceptance of Order:** Upon the request of the Authority, an authorized representative of Vendor shall sign where indicated on this Order. If not so requested by the Authority, the Vendor's commencement of any services specified in this Order or the acquisition of any services or goods in order to perform any part of this Order shall constitute Vendor's acceptance of this Order; Vendor's commencement of work on any goods subject to this Order or the shipment of such goods, whichever occurs first, shall be deemed an effective mode of acceptance of this Order. Any acceptance of this Order is limited to acceptance of the express terms contained herein. Any proposal for additional or different terms or any attempt by Vendor to vary in any degree any of the terms of this offer in Vendor's acceptance is hereby objected to and rejected.
- Termination:** The Authority may terminate this Order or any part hereof for cause in the event of any default by Vendor, or if Vendor fails to comply with any of the terms and conditions of this Order. In the event of termination for cause, the Authority shall not be liable to Vendor for any amount, and Vendor shall be liable to the Authority for any and all damages sustained by reason of the default or failure which gave rise to the termination. The Authority also reserves the right to terminate this Order or any part hereof for its sole convenience. In such event, the Authority's sole liability shall be payment of a reasonable termination charge based upon the reasonable costs incurred but excluding anticipated profits. Upon receipt of a termination notification, Vendor shall use its best efforts to mitigate its damages.
- Warranty:** Vendor expressly warrants that all goods and services that are furnished under this Order shall conform to all formulations, drawings, designs, data, specifications, requirements and samples; that such goods and services shall be in conformity with the highest standards of quality and professionalism, be new, and be free from defects in design, material and workmanship. Vendor warrants that all goods or services furnished hereunder will be merchantable, will be safe and appropriate for the purpose or purposes for which such goods or services of that kind are normally used, and shall be free from any claim of any third party including any infringement or violation of any patents, copyrights, trade secrets, licenses or other property rights of any third party. If Vendor knows or has reason to know the particular purpose for which the Authority intends to use the goods or services, then the Vendor warrants that such goods or services shall be fit for such particular purpose. Inspection, testing, acceptance, or use of the goods or services furnished hereunder shall not affect the Vendor's obligation under these warranties, and such warranties shall survive inspection, testing, acceptance, and use. Vendor's warranties shall run to the Authority, its successors, assigns, customers and users of services provided by the Authority. Vendor agrees promptly to replace, or to correct defects of, any goods or services that do not conform to the foregoing warranties, without expense to the Authority. If after a reasonable period of time the non conforming goods or services are not corrected or replaced, the Authority may elect to make such corrections or replace such goods and services and charge Vendor for all costs incurred by the Authority in doing so; which costs Vendor shall reimburse the Authority within thirty (30) days of the Authority's request.
- Price Warranty:** Vendor warrants that the prices shown on this Order shall be complete, and that no additional expenses or charges of any type shall be added without the Authority's express written consent.
- Force Majeure:** Neither party shall be liable to the other for any delays or failure to perform to the extent such delays or failure to perform are resulting from circumstances or causes beyond its control, including, without limitation, fire or other casualty, act of God, strike or labor dispute, terrorist acts, war, or any law, order or requirement of any governmental agency or authority. The party delaying or unable to perform shall give immediate written notice to the other party, including the length of the expected delay, and shall use diligent efforts to resume performance as soon as practicable. In the event of partial performance, Vendor shall treat the Authority no less favorably than its most preferred customer.
- Indemnity:** Vendor agree to fully indemnify, defend and hold harmless the Authority, its officials, officers, directors, employees, agents, and customers from and against any and all claims, losses, liabilities, damages, demands, expenses, penalties, or costs (including reasonable attorneys' fees) arising out of or resulting from Vendor's performance or failure to perform under this Order or breach of these terms and conditions.
- Licenses and Insurance:** Vendor agrees to secure and maintain all licenses and bonds as necessary or appropriate for Vendor's full performance under this Order, and to purchase and maintain in full force and effect, at its own cost and expense, insurance coverage in the amounts and of the types as are standard in the industry or as may be required by the Authority from time to time. The liability of Vendor to the Authority is not limited by Vendor's insurance coverage. Vendor shall be solely responsible for the full amount of any deductible with respect to any and all insurance policies maintained by Vendor.
- Compliance With Laws:** Vendor warrants and represents that the furnishing of goods and/or performance of services pursuant to this Order shall be in accordance with the applicable standards, provisions and requirements of all federal, state or local laws, rules, regulations, executive orders or other ordinances.
- Changes:** The Authority shall have the right at any time to make changes in services, goods, formulations, drawings, designs, requirements, specifications, materials, packaging, equipment, time and place of performance, delivery, and method of transportation. If any such changes would cause a documented increase or decrease in the net cost of effecting such changes or the time required for the performance, an equitable adjustment shall be made and this Order shall be modified in writing accordingly. Vendor agrees to accept any such changes subject to this paragraph.
- Delivery and Performance:** Time is of the essence for this entire order. If in order to comply with the Authority's required delivery or performance date it becomes necessary for Vendor to ship or perform by a more expensive method than as may be specified by this Order, then any increased costs, including but not limited to labor and transportation costs, resulting therefrom shall be paid for by Vendor, unless the necessity for such change in shipping or performance has been caused solely by the Authority.
- Limitation of Liability; Limitation of Action:** IN NO EVENT SHALL THE AUTHORITY OR VENDOR BE LIABLE FOR ANTICIPATED PROFITS OR FOR INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES UNDER THIS ORDER.
- Resolution of Disputes:** All disputes hereunder shall be resolved in the state or federal courts located in the State of Connecticut, and each party consents to the jurisdiction of such courts in any action or proceeding and waives any objection to venue laid therein.
- Risk of Loss and Title:** Risk of loss and title to any goods or services set forth in the Order to which these terms and conditions are attached shall pass from Vendor to the Authority upon delivery and/or complete performance at the location specified by Authority.
- Right of Setoff; Request for Payment:** All claims for money by Vendor from the Authority shall be subject to deduction or set off by the Authority by reason of any counterclaim or any other claim arising out of this Order or any other transaction with Vendor. The Authority reserves all such rights of setoff against Vendor and its successors and assignees.
- Miscellaneous:** This Order constitutes the entire agreement between the parties. No part of this Order may be modified, waived, assigned, or subcontracted without the prior written approval of the Authority. This Order and all performance hereunder shall be construed in accordance with the laws of the State of Connecticut, without giving effect to any choice or conflict of law provisions or rule (whether of the State of Connecticut or any other jurisdiction). If any term or condition of this Order shall be determined by a court of competent jurisdiction to be unenforceable or contrary to law, then all other terms and conditions of this Order shall remain valid and in full force and effect, to the extent they are reasonably severable. The relationship of the parties is one of independent contractors, and neither Vendor nor the Authority intend to create any partnership, joint venture, employment or agency relationship. Vendor shall not represent to anyone that Vendor is an agent of the Authority or otherwise authorized to bind or commit the Authority in any way. The delay or failure of the Authority to enforce any provision of this Order shall not constitute a waiver by the Authority of such provision or any other provision set forth in this Order and shall not preclude the Authority from exercising any rights hereunder in the future.