

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



**PROJECT:** JET/VAC TRUCK  
**PROJECT NUMBER:** SSF 2017-01  
**BID OPENING:** 10:00 A.M.  
Tuesday  
July 25, 2017

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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: RHURLBURT@GNHWPCA.COM

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



## **BID PACKAGE**

**PROJECT: SSF 2017-01**

**BID PACKAGE FOR:**

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

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**  
**PROJECT NUMBER: SSF 2017-01**

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 2017-01)** until **10:00 AM on Tuesday, July 25, 2017** 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, July 12, 2017 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 **Wednesday, July 19, 2017 at noon**, in order to receive consideration. (emails to: [Rhurlburt@gnhwpc.com](mailto:Rhurlburt@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 2017-01

### 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 waives 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 SPECIFICATIONS

### SSF 2017-01

#### 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.

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.

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1.5. Warranty:

1.5.1. Successful Bidder Shall Warrant the Vehicle For a Minimum of Three Years/36,000 Miles, Bumper to Bumper, No Deductible , from time of Acceptance by the GNHWPCA.

1.6. Supplier Criteria:

1.6.1. 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 will be considered "NON-RESPONSIVE" and the bid shall 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.

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 12.8L 410 HP @ 1800 RPM, 2080 GOV RPM, 1450 LB/FT @ 1100 RPM.
- 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 JUMPER

BATTERY BOX MOUNTED LH SIDE 72" 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-924 19.0 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

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RADIATOR DRAIN VALVE  
DELCO 12V 39MT+ HD/OCV 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 AXLES  
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 LUBE

5) Front Suspension: 20,000# TAPERLEAF 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 AND 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 XFE 425/65R22.5 20 PLY RADIAL FRONT TIRES  
MICHELIN XDE 475/65R22.5 14 PLY RADIAL 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)

15) Wheelbase and Frame:

6975MM (275 INCH) WHEELBASE  
 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MM X301.6MM/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

16) Chassis Equipment: OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT  
 COMPLY WITH FMCSR 393.203  
 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

- 17) 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 .
- 18) 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 SHELL 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 SHELL  
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

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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 MOIUNTED, WITHOUT  
FLUID LEVEL INDICATOR

19) 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 MANTOOL 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

20) Instruments &  
Controls:

GRAY DRIVER INSTRUMENT PANEL

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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 SPEEDOMETER 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

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21) 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)

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

23) Extended Warranty: TOWING EXTENDED/ROADSIDE SERVICE WARRANTY, 3 YEAR/UNLIMITED MILES/KM, \$550 CAP

24) 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) 0.0  
Cab Size (829) 114 INCH APC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Sleeper (682) NO SLEEPER BOX/SLEEPER CAB  
Exhaust System (516) RH OUTBOARD UNDER STEP MOUNTED  
HORIZONTAL AFT RTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR  
MOUNTED VERTICAL TAILPIPE

25) Back-up Camera Install Back-up Camera and Display

26) Parts and

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

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)  
VACALL SUPPLIED CHASSIS

28) Debris Tank:

HOT DIPPED GALANIZED ASTM A123 STANDARDS, LIFETIME WARRANTY  
TAILGATE POWER UP / DOWN, HYDRAULIC LOCKS

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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  
 INTERNAL TANK FLUSHER-FULL FLOW  
 CARBON STEEL SPLASH SHIELD  
 SINGLE DEBRIS BODY SAFETY PROP

- 29) Debris Tank Decant: 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  
 4" hydraulic pump off system mounted on rear door capable of pumping 710 GPM @ 10' head while vacuuming if needed or independently equipped with a 4" ball valve and male cam lock on outlet and 4" brass slide gate valve on the sludge pump inlet to isolate the pump from tank when not in use.

Sludge pump system shall have internal decant screen driver's side

- 30) Pressure Water System:

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)  
 85 G.P.M./2000 PSI - F.E. MYERS DP85-20 - 115 HP  
 PASSENGERS SIDE SELF-WINDING HANDGUN HOSE REEL W/ 50 FOOT 1/2" HOSE AND HANDGUN (800 PSI @ 20 GPM)

- 31) Hose Reel:

DIRECT DRIVE HOSE REEL  
 HYDRAULIC HOSE REEL TILT (ELECTRIC OVER HYDRAULIC)  
 REEL PIVOT-180 DEGREE WITH AIR BRAKE  
 FRONT REEL WITH 800' CAPACITY (1" HOSE)  
 DIGITAL SEWER HOSE FOOTAGE COUNTER DISPLAYED AT OPERATORS STATION

- 32) Lighting:

LED D.O.T. LIGHTING (INCLUDES STOP, TAIL, TURN AND BACK-UP)  
 BOOM WORK LIGHTS-TWO, RED, 1800 LUMEN EACH  
 REAR WORK LIGHT - TWO (HALOGEN)  
 STROBE LIGHT - FRONT- TWO WHELEN L22LAP CLASS 2 360 DEGREE SUPER LED W/ LIMB GUARD  
 STROBE LIGHT - BODY - TWO WHELEN L22LAP CLASS 2 360 DEGREE SUPER LED W/ LIMB GUARD  
 REAR MOUNTED TRAFFIC ADVISOR-BAR TYPE LED WHELEN TACFBS

- 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  
DRIVERS SIDE MOUNTING OF WATER MANIFOLD AND HYDRAULIC CONTROL VALVE.  
WATER PUMP HOURMETER (AT FRONT CONTROL PANEL LCD DISPLAY)  
BLOWER HOURMETER (AT FRONT CONTROL PANEL LCD DISPLAY)  
BOOM, BODY AND TAILGATE AUX. HYDRAULICS (POWERED BY HOSE REEL POWER PACK)  
REEL SHIFT FOR TRANSFER CASE  
BOOM CONTROL JOYSTICK RECESSED FOR PROTECTVON  
COLOR LCD DISPLAY WITH 32 OUTPUT MICROPROCESSOR CONTROL (EXPANDABLE) W/J1939 CAN COMMUNICATION  
1P66 SEALED EXTERIOR ELECTRICAL CONTROLS AND WIRING HARNESS W/PROTECTIVE COVER THAT EXCEEDS NEMA 4 RATINGS  
EMERGENCY STOP

- 34) Packaged Items: TIGERTAIL HOSE GUIDE (ONE)  
PENDANT REMOTE CONTROL  
25' X 1" LEADER HOSE  
1" 15 DEGREE PENETRATOR NOZZLE W/ TUNGSTEN CARBIDE TIPS 80 GPM @ 2000 PSI PT# U60308BJB  
SEWER CLEANING HOSE 1" - 2000 PSI  
FILL HOSE 25' X 2 1/2"  
20' X 8" BANDLOCK TYPE ALUMINUM VACUUM TUBES, (1) 5.0' Crown Pipe, (3) 5.0' Standard Pipe, (6) 8" CLAMPS, (6) 8" GASKETS
- 35) Paint/Coatings: POWDER COAT UNIT STD RED  
(EXCLUDES CAB / CHASSIS) DEBRIS TANK GALVANIZED AIR/WATER SEPARATOR GALVANIZED
- 36) Power Module: TRANSFER CASE  
DIRECT DRIVE FOR VACUUM PUMP  
HYDRAULIC TEMP / LEVEL SIGHT EYE  
SHUT-OFF VALVE(S) ON SUCTION SIDE  
HYDROSTATIC DRIVE FOR WATER PUMP FLOWS TO 85GPM@2000PSI 115 HP MAX )

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TRANSFER CASE REMOTE SIGHT GLASS AND FILL  
PLATFORM AND STEPS ON POWER FRAME  
VARIABLE VOLUME 2.7 CIR HYDRAULIC PISTON PUMP DIRECT MOUNTED TO  
OMSI TC FOR HYDRAULIC FUNCTIONS

37) Tool Boxes/  
Enclosures:

TUBE RACK (4 TUBES) MOUNTED ON SILENCER ONE  
LOCKABLE TOOL BOX, STEEL (18 X 18 X 36) ADDITIONAL  
LOCKABLE TOOL BOX, STEEL (18 X 18 X 36)

38) Vacuum System:

CYCLONE SEPARATOR WITH DROP BOX CLEAN OUT  
8x24 VAC PUMP 4100CFM@16"HG (217"H2O) 185 HP @2470 RPM  
WITH(2) VAC RELIEF VALVES  
STAINLESS STEEL STRAINER BASKET IN CYCLONE SEPARATOR  
2" BRASS BALL VALVE MOUNTED ON BOTTOM OF CYCLONE. DROPOUT BOX  
8X24 VAC PUMP (350HP CHASSIS) 4100CFM@16"HG (217"H2O) 170HP@2250  
W/(2) VAC RELIEFS

39) Water Tank:

4" AIR GAP WATER TANK FILL  
SIGHT LEVEL TUBE ON PASSENGER SIDE WATER TANK  
2 TANKS, 1500 GALLON TOTAL  
6-INCH INTERCONNECT  
LIFETIME WARRANTY  
TANKS TO BE LOCATED ABOVE CHASSIS FRAMERAILS TO ENSURE FLOODED  
INLET TO WATER PUMP. WATER TANKS SHALL NOT RISE WITH DEBRIS TANKS  
WHILE DUMPING  
COLD WEATHER RECIRCULATION SHALL BE PROVIDED USING A 12-VOLT  
RECIRCULATION PUMP

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.

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### 3. Trade-in

Bidder shall provide a Trade-in allowance for the GNHWPCHA's existing JET/VAC TRUCK. Bidders shall be allowed to view the Truck on the dates of July \_\_, 2017 and July \_\_, 2017 between the hours of Noon and 3p.m. at 345 East Shore parkway, New haven CT. contact is Richard Hurlburt at 203-466-5263.

#### 3.1 Trade-In Specification

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



SafeJetVac Model No.: SafeJetVac 1015  
Year: 2001  
Mileage: 135,126  
SafeJetVac Serial No.: T0070Y154010TCK01  
Truck VIN No.: 2FZNAJCB9YAF13842  
Truck Engine Model: Caterpillar 3126-B 300 Hp @ 2100 RPM  
S.N.: 8YL38352  
Truck Transmission Model: Allison MD 3066  
S.N.: 6510242925  
Transfer Case Model No.: Dana 794 (modified) GB102-1 (HD Bearings)  
S.N.: 794-0020  
P.T.O. Model: Muncie CS10-A1008-1322  
Hydraulic Pump Make: Parker L.H. Rot. SAE "B" 2-BW  
Model: 7/8 13TTH Sol. Shift PAVC-38BL  
Hydrostatic Drive: Sunstrand 110 HP Hydrostatic Pump & Motor  
Hydrostatic Pump Model: Electronic Controlled 6.1 Cir LH Rot 1" CD62  
Hydrostatic Motor Model: 6.1 Cir SAE 4-SLT "C"/"1" CD62 Ports  
Hoist Cylinder: Custom Hoist  
S.N.: DA158-133-95  
Blower: Milbon HH-4283  
Model: 16" HG Btm Drv Rt Dis CCW Rot  
S.N.: 4V015491  
Paint Color: White  
Tailgate Cylinder: Energy  
Model: 4" Bore/16" Stroke/1 1/2" Rod w/clevis  
Control Valve: Parker  
Model: VDP 12 CCC 3 Bank

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## BID REPLY FORM

### JET /VAC TRUCK UPGRADES (SSF2017-01)

(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.

SPECIFIED ITEM	QTY.		TOTAL
<b>Jet/Vac Truck</b> Jet Vac truck as specified in Section 2.0	1	Item A	\$ _____
<b>Training</b>	1 day	Item B	\$ _____
Total (Sum of A+B)			\$ _____
<b>Trade – in Allowance</b> SAFEJETVAC 1015 Year: 2001 Serial no. T0070Y154010TCK01 as described In Section 3.0	1	Item C	\$ _____

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# REQUEST FOR BID SSF 2017-01

## REPLY SHEET (Page 2 of 3)

Vendor shall hold pricing firm for 120 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 and Install all products within 75 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
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 2017-01**

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 \_\_\_\_\_

**NOT FOR BIDDING PURPOSES  
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**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

1. **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.
2. **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.
3. **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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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.
9. **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.
10. **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.
11. **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.
12. **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.
13. **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.
14. **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.
15. **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.
16. **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.