

Patricia A. Peshka

Purchasing Agent



Frank J. Picozzi

Mayor

City of Warwick

Purchasing Division
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The following notice is to appear on the City of Warwick's website Thursday, May 20, 2021.
The website address is <http://www.warwickri.gov/bids>.

CITY OF WARWICK BIDS REQUESTED FOR

Bid2022-044 Purchase 2021 or Newer Stetco Cable-Type Catch Basin Cleaning Truck

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Thursday, May 20, 2021. **Please note that our office will be closed on Monday, May 31, 2021 and will re-open on Tuesday, June 1, 2021.**

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Thursday, June 3, 2021. The bids will be opened publicly commencing at 11:00 AM on the same day in the Lower Level Conference Room, Warwick City Hall. ***Please note due to COVID-19, employees and visitors must adhere to social distance guidelines. All visitors are advised to wear masks if not fully vaccinated.***

Awards will be made on the basis of the lowest evaluated or responsive bid price.
Please note that no bids can be accepted via email or fax.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <https://www.ridop.ri.gov/contract-portal/>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): <https://www.njpacoop.org/cooperative-purchasing>

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net/>

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

Original Signature on File

Patricia A. Peshka

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

Acknowledgement of Addendum (if applicable)

Addendum Number

Signature of Bidder

_____	_____
_____	_____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____*

*Please include your email address. Future bids will be emailed, unless otherwise noted.

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II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____

Bid2022-044

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

**This form must be completed and submitted with sealed bid.
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statues, laws, ordinances and regulations, in particular, but not limited to Chapter 16-Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature

Date

Company Name

Address

Address

***This form cannot be altered**

**CITY OF WARWICK
NOTICE TO BIDDERS**

Bid2022-044 Purchase 2021 or Newer Stetco Cable-Type Catch Basin Cleaning Truck

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2022-044 Purchase 2021 or Newer Stetco Cable-Type Catch Basin Cleaning Truck."

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact James VanGyzen, Automotive Division, at 401-921-9609.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder should initial the change.

Negligence on the part of the bidder in preparing the proposal confers no rights for the withdrawal of the proposal after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder should indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 is available on www.warwickri.gov should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

Prevailing Wages may apply to this bid. Current rates may be viewed at <http://www.dlt.state.ri.us/pw>.

The successful bidder must comply with all Rhode Island Laws, applicable to public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The contractor must keep himself informed of and comply with all laws, ordinances and regulations of the federal, state and municipal governments which may apply and be in force during the life of the contract, in any manner which may affect himself/employees or the conduct of the work or the materials used or employed in the work. Before submitting bids, prospective bidders should examine the terms, covenants and conditions of all codes, permits and laws which may apply. By submitting a bid, the bidder agrees to comply with all pertinent laws/regulations if awarded a contract.

Every contractor and subcontractor awarded a contract for public works, construction, alteration and/or repair, including painting and decorating, or public buildings or public works must submit completed RI Certified Weekly Payroll forms listing employees employed on the project to the awarding authority on a monthly basis for all work completed in the preceding month. These forms may be found at: www.dlt.ri.gov/pw/pwFormsPubs.htm. Certified Payroll forms concerning RI Department of Transportation projects may be submitted on federal forms. However, when a complaint is being investigated by the RI Department of Labor & Training (DLT), the contractor must resubmit the payroll information on the RI Certified Weekly Payroll forms for the entire project.

Awarding authorities, contractors and subcontractors must provide any and all payroll records to the DLT within ten (10) days of any request that is made by the department.

The awarding authority of any public works project will withhold the next scheduled payment to any contractor or subcontractor who fails to comply with the above provisions, as well as any further payments until they comply. The DLT may also impose a penalty of up to \$500 for each calendar day of noncompliance.

Please refer to Rhode Island state laws Section 37-13 for more information.

Bid surety in the form of a bank check, original bid bond or certified check in the amount of ten (10) percent of the total bid price must be submitted with each bid. If a bid bond is submitted, it must be duly executed by the bidder as principal and having as surety thereon a surety company licensed to do business in the State of Rhode Island and approved by the owner.

The successful bidder must provide the City of Warwick with an original **Certificate of Insurance** for General Liability in a minimum amount of \$1 million, naming the **City of Warwick as the additional insured** and so stated on the certificate with the bid name and bid number. It is the vendor's responsibility to provide the City of Warwick with an updated Certificate of Insurance upon expiration of the original certificate.

Failure to provide adequate insurance coverage within the specified duration of time as set forth is a material breach of contract and grounds for termination of the contract.

The successful bidder must furnish a performance and payment bond in the amount of 100 percent of the total bid price.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

If required, the successful bidder will provide said **Certificate of Insurance, bonds and Certificate of Good Standing** within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one (1) year from date of award. Term contracts may be extended for one (1) additional term upon mutual agreement unless otherwise stated.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The contractor must carry sufficient liability insurance and agree to indemnify the City against all claims of any nature, which might arise as a result of his operations or conduct of work.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services has been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

CITY OF WARWICK
SPECIFICATIONS FOR THE PURCHASE OF A 2021 OR NEWER
STETCO 950T/13 CABLE TYPE CATCH BASIN CLEANING TRUCK

The City of Warwick is seeking bids for (1) Six-Wheel Cable Type Catch Basin Cleaning Dump Truck for highway maintenance operations. Unit must be suitable to be outfitted with a Stetco Model 950T/13 or equivalent.

SCOPE OF WORK (SPECIFICATIONS)

General Scope of Work

The following specifications and dimensions shall apply to purchases of Six-Wheel Cable Type Catch Basin Cleaning Dump Trucks for the City of Warwick.

The unit shall be the latest current model of standard design manufactured, complete with all standard equipment, and warranties. Bidders are to supply the latest printed literature and detailed specifications on equipment the bidder purposes to furnish. All parts utilized on the unit shall be new and unused and of which parts are stocked at one or more locations in Rhode Island and/or Southern New England region.

The specifications listed below shall be considered minimum requirements.

The bidder agrees, if his proposal is accepted, to guarantee the design, material and workmanship of the unit bid according to the standard factory warranty, or detailed in the following specification, whichever is greater. A copy of the warranty shall accompany the bid.

2021 or CURRENT MODEL YEAR CAB & CHASSIS 6-WHEEL TRUCK

Note: All hoses and wiring shall be water tight and loomed.

Dimensions/G.V.W

GVW rating 48,000 lbs minimum
Wheelbase 170" minimum
CA dimension 108"- to be verified by body builder
AF dimension 60" minimum to be verified by body builder

Comply_____

Frames

Single rail 120,000 psi steel with minimum 3.25" flange Minimum
Section Modulus 23.5
Minimum REM 2,750,400
Swept back bumper
Two front tow hooks Two
rear tow hooks

Comply_____

Engine Diesel/Engine Equipment Minimum

385, HP @ 1700 rpm minimum Minimum
1450 ft/lbs. torque @ 1300 rpm Minimum 11
Liter, wet sleeved Inside/outside air intake
with in-cab controls
120V/1500W engine block heater w/receptacle under driver door Minimum
15.9 CFM compressor;
Bug screen mounted behind grille Silicone
engine hoses
DPF and SCR exhaust emissions after treatment with regeneration control
Engine shut down for low engine oil pressure, high coolant temperature and
low coolant level
Fuel/water separator with thermostat control
Oil pan -corrosion resistant
Engine compression brake, Jake Brake similar with on/off switch
Exhaust-single RH vertical cab mounted with exhaust guard and turned back tailpipe
2021 OBD compliant
20221 Federal emission compliant

Comply_____

Transmission and Equipment/Drivelines

Allison 4500-RDS six speed automatic transmission with PTO gear
Synthetic transmission fluid
Dash mounted PTO control
Transmission oil cooler Push
button shift control
Heavy duty driveline calculated to torque requirements

Comply_____

Axles

Front Axle

I-beam 20,000 lb capacity
20,000 lb multi-leaf shackle type springs
Shock absorbers
Synthetic: lube

Comply_____

Rear Axle

30,000 lb single reduction rear axle Driver
controlled locking differential
30,500 lb multi-leaf springs with 4500 lb helper auxiliary springs synthetic
lube

Comply_____

Driveshaft

Heavy duty calculated to driveline torque requirements

Comply_____

Brakes

(Brakes shall be sized correctly for stopping distances in accordance with FMVSS regulations) **Front**

Brakes

Front Brake Package: Q+ cast, standard lube
Front Brake Dimension: 16.5"x6" minimum
Front Brake Drum: Outboard mounted cast iron 16,000
Front Brake Lining Material: lb rating minimum Minimum 24
Front Brake Chamber Type: square inch (service)

Comply_____

Rear Brakes

Rear Brake Package: Q+P cast, standard lube I
Rear Brake Dimension: 8"x 7" minimum
Rear Brake Drum: Outboard mounted cast iron 25,500
Rear Brake Lining Material: lb rating minimum
Rear Brake Chambers Type: 36"/36" square inch (service/emergency)

Comply_____

Heated air dryer
Automatic slack adjusters - front and rear
Anti-lock brake system with traction control

Comply_____

Tires

Front 3I5/80R22.5 Load range L/20 ply 10,000 lb weight rating
Rear 12R24.5 Load range H/16 ply traction tread design.
One front and two rear spare tires and rims matching above. Front and Rear - Wheels shall be powder coated white.

Wheels

Front steel disc, hub piloted (two hand hole) rims
Rear steel disc, hub piloted (two hand hole) rims

Comply_____

Electrical System

Twelve volt negative ground electrical system
160 amp alternator
Three maintenance free batteries - total 1950 CCA
Stop, turn, tail and backup lights
Body builder wiring and module for body installation
All chassis wiring that is exposed to the elements shall be covered with protective sleeves.
All lights and reflectors shall conform to the motor vehicle laws of the State of Rhode Island.

Comply_____

Fuel System

Minimum LH 70 gallon aluminum fuel tank
Minimum 8 gallon DEF tank

Cab

Conventional Cab, air suspended (welded steel galvanized or aluminum shell) to include corrosion preventative procedures.

Comply_____

Air Ride

Tinted windshield and glass

LH & RH interior cab access grab handles with additional driver side outside handle

Fiberglass tilt hood and fenders with frame mounted splash shields

Engine access hatch ICC

clearance, lights

Long life Halogen headlights that turn on when windshield wipers are 'turned on

Chrome stationary grille

Sound abatement-extra insulation under hood and splash panels Heated

LH & 'RH west coast mirrors with integral convex mirrors Frame

mounted air' horn

Radio AM/FM/CD/Bluetooth

Winter wiper blades

Power windows/ Power Locks

Comply_____

Paint

Cab shall be White over proper primer for cab and sheet metal.

Chassis and running gear shall be black.

Wheels shall be powder coated white.

Comply_____

Accessories

Two wheel chocks, Three safety triangles, One First-Aid Kit Pin

style cone holder capable of holding 6 cones

5 lb. ABC UL Rated 3A:40B:C industrial fire extinguisher

One 5 gallon absorption capacity universal spill response kit Three

sets keys

Fender extensions for front tires

Black injection molded poly rear fenders

Back-up alarm

Air conditioning

Driver side air ride seat

One Motorola XPR5350 VHF 45 watt installed and ready for use, powered by key-switch

accessory.

Floor Mats

Heated Mirrors

Backup camera fully installed and operational. Will provide automatic rear view camera and monitor for

priority view of rear of vehicle when truck is in reverse.

Each vehicle shall come with two (2) standard length basin spoons installed on custom designed basin spoon rack affixed one each side of the dump body.

Shovel Rack for storage of a shovel, road bar and road broom mounted on the front of the dump body.

Comply_____

Tool Box

One (1) lockable weatherproof toolboxes with T-handle latches shall be mounted to each side of the frame, under the body. The toolboxes shall be approximately 36 inches long by 18 inches high by 18 inches wide. To be constructed of 12 gauge 201 Stainless Steel minimum, with opening stainless steel door with stainless steel piano hinge. Front panel shall have exterior jam lip designed to deflect water away from the door opening. Edges of door shall seal tightly against weather stripping and chain door retainer. Two keys shall be provided. The unit shall be bolted to the frame using stainless steel cradle type mounting brackets.

Cable Type Catch Basin Cleaner - Stetco model 950T/13 or equivalent

- Manufacturer must have a two (2) year warranty on all parts and labor. Bumper to bumper on the equipment supplied.
- Manufacturer must have a three (3) year structural warranty.
- Catch basin cleaner to be painted White N0006 – Dupont Elite (no exceptions)
- **Lubrication Technologies Corp. or equivalent automatic greasing system-** this system to grease entire Catch basin cleaner joints along w/ body joints.
- **Boom up / PTO inter lock system** – installed and operational for preventing movement of truck when boom up or PTO is engaged.
- **Base:** Base to be designed so it can be mounted to the chassis frame in a space that does not exceed 36". The base itself shall have internal reinforcing plates no less than 3/8" thick welded in place for extra strength. The base shall have a 3 point mount to absorb stress.
- **Rotation:** Boom shall swing hydraulically no less than 370 degrees. The swing assembly must be a rack and pinion type equipped with two cross over relief valves to protect the unit from damage. Ball bearing type rotation mechanisms will **not** be accepted. The swing assembly shall be located at the base of the unit for greater operator visibility.
- **Mast:** The mast and boom assemblies shall rotate as a unit in a socket with a single bronze bushing with 260 square inch of bearing surface. The mast must be centrally located on the chassis to ensure equal boom reach on both sides of the truck. The mast must manufactured of 3/8" thick steel plate and be continuous welded from top to bottom.
- **Boom Assembly:** Boom must be a telescopic style boom, articulating booms will not be acceptable. Two section boom to extend to 13'6" of hydraulic reach. The jib boom shall extend by means of a double acting cylinder mounted under the main boom. The extension cylinder must be externally located for ease of service. There shall be two (2) LED boom lights installed that provide illumination to the work area and do not interfere with the operation of the boom.
- **Main Lift Cylinder:** The main lift cylinder must be no less than 4" in diameter (outside dimension) and be equipped with a holding valve (pad mounted style). Cylinder rod to have a self-aligning ball bushing to prevent side loading on the piston and gland nut. The cylinder must have a minimum wall thickness of *W* and be rated for 5,000 psi of hydraulic pressure.
- **Winch:** Hydraulic planetary winch shall be mounted as an integral part of the main boom. The winch to

be equipped with a hydraulic release and a spring applied brake system for safe operation. Winch line speed to be a minimum of 200 fpm (single line speed) . Winch must have a minimum capacity of 2,000 lbs. The wire rope shall be 3/8" in diameter and be spin resistant style. The winch drum shall have a steel cover.

- **Hose Reels:** One hose reel with no less than 60' of 1/2" inside diameter two wire braided hose each to be supplied with wear cuffs. A quick disconnect for each hose to be supplied for removal of bucket from hose. The hose must be able to reach 35' below ground.
- **Controls:** two sets of control levers vertically mounted (one on each side of unit) the controls must be identical on each side of unit. Functions from top to bottom as follows: winch, main boom, extend boom, dump body, swing, blank and bucket. Main control valve bank must be an open center style with an operating pressure of 2,100 psi and 13 gpm of flow. The valve must be able to perform two or more at the same time. A LED work light shall be installed on each side to illuminate the controls.
- **Hydraulic System:** Hot shift PTO mounted to truck transmission with PTO switch mounted with telltale light on dash. Gear pump direct mounted to the PTO shall deliver 13 gpm of hydraulic flow at 1,200 rpm approximately. 37 gallon hydraulic oil tank (steel construction only) equipped with a filter assembly and sight gauge.
- **Orange Peel Bucket:** Bucket for the catch basin cleaner shall be a double acting type, Bucket must be constructed that the opening motion does not exceed 63 degrees, when the bucket is in the open position. This will allow the material to discharge out of the bucket. The bucket blades must be die cast and have smooth outside surface (cast iron blades will not be accepted). The minimum thickness of the blades to be 3/8" thick. All pin holes to be bushed, all bushings to be hardened and the pins must be a minimum of 5/8" diameter and be hardened steel. The bucket must have (4) blades.

- **Orange Peel Bucket Specifications:** Closed outside diameter : 15"

Maximum blade opening : 37" Closed height : 50"

Open height : 45"

Material capacity : 1.3 cubic feet

VEHICLE SHALL COME WITH 2 IDENTICAL ORANGE PEEL BUCKETS. ONE (1) BUCKET TO BE INSTALLED AND OPERATIONAL ON BOOM, ONE (1) BUCKET TO BE SUPPLIED AS A SPARE. ALL BUCKET TIPS & WEAR POINTS MUST BE HARDFACED TO INCREASE WEAR RESISTANCE.

- **Body dumping safety device:** Mechanical-hydraulic body dumping safety device to prevent the dumping of the body without the boom being 90 degrees from the body.
- **Boom up alarm:** Red light and buzzer will be activated if the boom is not in the down position.
- **Catch Basin Cleaner Lift Capacity:** unit only no bucket attached
8,260 lbs @ 5' , 4,130 lbs @ 10' , 2,860 lb @ 13'
- **Performance of Catch Basin Cleaner:** 1,200 rpm of engine speed the unit must safely perform a complete cycle in 30 seconds. Lifting an open bucket 9' feet from the ground, close the bucket, swing the bucket 45 degrees from the center line of the unit, lower the bucket to ground to ground level, open and close bucket two times, raise the bucket back to 9' above ground (bucket in closed position), swing boom back to the center of body and open the bucket (to simulate discharge of material).
- **Debris Body/Accessories: Minimum length to be 10'**

- 6 Yard capacity
- 30" High sides, ends and tail gate full perimeter
- 3/16" Thick steel sides -Stainless steel
- 3/16" Thick stainless steel floor
- 3/16" Thick steel tail gate – Stainless steel
- Boxed side braces -Stainless steel
- Boxed top braces -Stainless steel
- Splash shields full perimeter -Stainless steel
- Heavy duty front panel -Stainless steel
- Tail Gate: air release
- Water tight tail gate
- Tail gate locks @ rear of body
- Class 50 hoist under body style (17 ton capacity)
- Drivers side step and grab handle
- OSHA safety prop
- Mud flaps
- Manual pull tarp (Pioneer or equivalent)
- Each unit to be supplied with two (2) standard 10' basin spoon/shovels.
- Bucket basket mount to rear tail gate w/ guide rod.
- Two (2) Custom Basin Spoon/Shovel stow/racks designed to hold a standard 10' basin spoon
- Two (2) Catch basin hooks and mounting brackets mount each side of the body near the controls
- Underbody will be a cross member less design

Comply_____

Lighting System

Comply_____

There shall be a Whelen model # RIDOTSY I Super-LED® lighting system installed. The lighting system shall be made and manufactured in the United States of America. The lighting system shall include (2) Micro 400 SS. Each Micro 400 SS shall contain (3) 400 Series Super-LED® Warning Lightheads (Front/Side/Rear) facing that are to be mounted within a 7 gauge stainless steel housing assembly. Each Micro 400 SS shall have 60' of 4/C, 14 Gauge TPE cable. Each rear corner post shall contain (!) 400 VV Series Amber Super-LED® Warning, (1) 400 LED BTT, (1) 400 LED Back-Up, and (1) side facing TIR3 Super-LED® Warning. The rear Lighthouse shall be mounted within a Whelen 400 series 7 gauge, stainless steel **D** housing. Each housing assembly shall include flex tubing for strain relief purposes. There shall be 45' of 2/C 14 gauge TPE cable for the warning lights and 45' of 5/C 18 gauge TPE cable for the BTT/BU included with each rear housing assembly. All the Lightheads shall be easily replaceable and utilize waterproof Deutsch® connectors for each light module. All Whelen cable shall **home run** into the cab where all connection will be made within the Whelen SmartLogic flasher/junction box. Each lens shall be made of polycarbonate and have a smooth outer surface for self-cleaning. The Lighthouse assemblies shall use stainless steel screws that screw directly into a nylon mounting bracket to eliminate dissimilar metal corrosion. Units that screw into a steel bracket are unacceptable since they tend to corrode over time. The system shall be warranted by the manufacturer to the user directly to be free from defects of material or workmanship for a period of 24 months from date of purchase (no warranty is offered on optical plastic parts and halogen bulbs). LED's shall be warranted for a period of five (5) years.

Written proof of this warranty by the manufacturer must be furnished by the bidder and attached to the bid. The product being bid must meet all current "S.A.E." requirements for this type and use of warning device, and be certified by an AMECA-accredited testing lab to meeting these requirements in the appropriate specified safety colors.

Tailgate Illumination

Comply _____

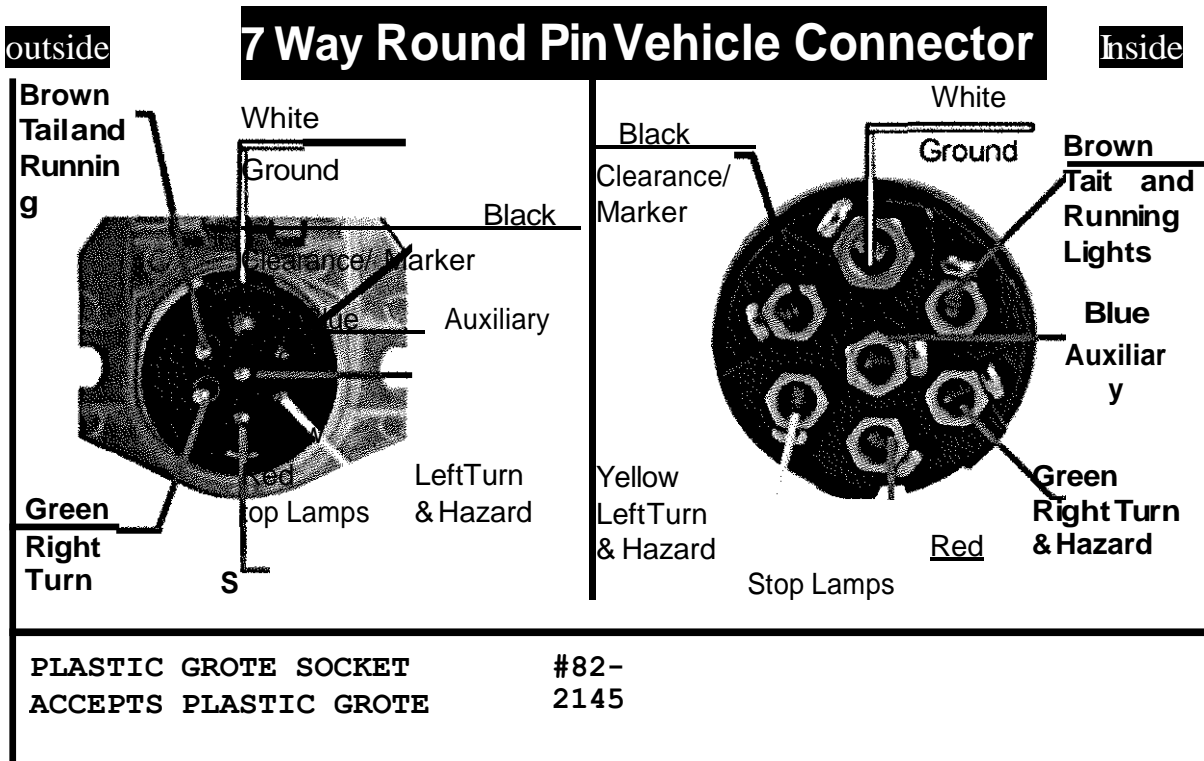
Whelan tail gate mounted arrow board to be furnished and to exhibit the latest technology, efficiency and safety features available. It shall be programmable for different patterns to allow for left, right or combination arrows.

Towing

Comply: _____

Chassis mounted 5" pintle plate with a 25-ton swivel hook, Two "D" rings, electrical socket, and pintle. Hook height and electrical socket type. Full trailer package with air and light lines.

Standard Truck Wiring Diagram



Comply: _____

Warranties

Comply _____

Engine – The Engine shall have the standard manufacturer's warranty extended for the period of 60 months/ 100,000 miles to include 100% parts, labor and other incidentals which are covered under the standard new vehicle warranty. Please provide warranty information (complete engine including injectors, turbocharger, electrical harnesses, lines and tubes – 100% parts and labor). Exceptions are: aftertreatment system components and related sensors and EA harnesses which shall be covered under separate warranties.

Engine Aftertreatment system and EA Harness and sensors – 60 months/ 100,000 miles— 100% parts and labor

Chassis – The standard manufacturer's warranty shall be extended for the period of 60 months/100,000 miles to include 100% parts, labor and other incidentals which are covered under the standard new vehicle warranty.

Transmission - 60 months/no mileage limits - 100% parts and labor

No engine hour limitation in above warranties

Comply _____

Software, Manuals

Vendor shall provide current editions of all relevant cab and chassis manuals. This must include but not be limited to overhaul and tune-up manuals, diagnostic, wiring, troubleshooting, and parts manuals for engine, transmission, differential and all components.

One (1) Panasonic "Toughbook" lap-top/tablet computer, Windows 7 compatible shall be provided with the capability to interface with the vehicle.

Chassis manufacturer's diagnostic software shall be loaded in computer and licensed to the Rhode Island Department of Transportation. Electronic media shall include annual subscription renewals for five (5) year. Electronic media shall be capable of being moved to new computer or reloaded in the event of hard drive crash without additional charges. An example of engine software required would be Cummins Insite Lite, Navistar Service Maxx Fleet Pro, or approved equal.

One operator's manual detailing the recommended operating procedure shall be delivered with unit.

Sets shall consist of the following: shop manual, parts manual including exploded views of major components with their part numbers, wiring diagram, operator's manual, and a summary of warranties offered in excess of the standard one year.

The manuals shall fully and clearly cover all components of the unit, including the pump, valves, controls, tanks, etc. Manuals shall also include comprehensive trouble shooting and diagnosis information for all functions.

Shop manual shall explain, in detail, procedures for overhauling all major components. Failure to provide manuals may result in 5 percent of total bid.

Manuals shall also cover all allied equipment and components installed on chassis provided by body installer.

Comply_____

PRE-DELIVERY SERVICE:

The unit shall be delivered complete and fully operational. It shall be properly serviced, free of leaks, with all mechanical adjustments made prior to delivery. A copy of the line set ticket shall accompany the vehicles.

Unit must be inspected prior to delivery with a focus on functionality, consistency, and quality assurance. **The body installation company must develop an inspection check sheet that is detailed and includes all major components of the dump truck.**

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2022-044 Purchase 2021 or Newer Stetco Cable-Type Catch Basin Cleaning Truck

I. BID:

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

Pricing as follows

Continued next page

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

(PRICING SHEET MAY NOT BE CONFIDENTIAL)

VENDOR NAME: _____

Description	Bid
I. Cab & Chassis	
Year	
Make	
Model	
Warranty	
II. Cable Type Catch Basin Cleaner	
Make	
Model	
Warranty	
III. Option	
1. 2-way radio, Motorola XPR-5350 or equivalent, narrowbanded (EACH)	\$
TOTAL COST 1 VEHICLE WITH OPTION	\$
Delivery in Calendar Days ARO	