



Request for Quote

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
 ONE CAPITOL HILL
 PROVIDENCE RI 02908

BUYER: Hill, Lisa
 PHONE #: 401-574-8118

CREATION DATE : 01-JUL-16
 BID NUMBER: 7550751
 TITLE: 34' AERIAL DEVICE
 BID CLOSING DATE AND TIME: 25-JUL-2016 10:30:00

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 DOT MAINTENANCE BUSINESS OFFICE
 360 LINCOLN AVE
 WARWICK, RI 02888
 US

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 DOT MAINTENANCE BUSINESS OFFICE
 360 LINCOLN AVE
 WARWICK, RI 02888
 US

Requisition Number: 1462707

Line	Description	Quantity	Unit	Unit Price	Total
1	<p>THIRTY-FOUR FOOT (34') AERIAL DEVICE, PER ATTACHED BID SPECIFICATIONS QUESTIONS CONCERNING THIS SOLICITATION MUST BE ADDRESSED TO LISA HILL AT LISA.HILL@PURCHASING.RI.GOV NO LATER THAN ONE WEEK PRIOR TO THE BID SUBMISSION DATE AND TIME. NO TELEPHONE QUESTIONS WILL BE ACCEPTED.</p> <p>BIDS MUST BE SUBMITTED IN DUPLICATE. THE STATE ISSUED BID SPECIFICATION MUST BE RETURNED WITH THE BID AND MUST INDICATE COMPLIANCE OR EXCEPTION TO THE SPECIFICATION. ANY EXCEPTIONS MUST BE NOTED AND EXPLAINED.</p> <p>ANTICIPATED DELIVERY: _____</p>	1.00	Each		

Delivery: _____

Terms of Payment: _____

It is the Vendor's responsibility to check and download any and all addenda from the RIVIP. This offer may not be considered unless a signed RIVIP generated Bidder Certification Cover Form is attached and the Unit Price column is completed. The signed Certification Cover Form must be attached to the front of the offer

34' AERIAL BUCKET TRUCK DEVICE

GENERAL:

The following specification is for an insulated telescopic aerial lift with material handling jib and winch for the Rhode Island Department of Transportation, Electrical Maintenance Department. The unit shall be the latest current model of standard design manufactured, complete with all standard equipment, special tools and warranties. Bidders are to supply the latest printed literature and detailed specifications on equipment the bidder purposes to furnish.

The Aerial Lift must be designed and all components selected and used according to sound engineering principles. All completed units shall comply and be tested in accordance with all applicable O.S.H.A. ANSI, FMVSS standards and regulations. The specifications listed below shall be considered minimum requirements.

Any exception no matter how minor must be noted on a separate sheet and be identified by section.

AERIAL DEVICE MANUFACTURER AND MODEL NUMBER:

Indicate manufacturer and model number of the aerial device quoted.

Aerial Manufacturer: _____

Aerial Model: _____

Body Manufacturer: _____

Body Model: _____

CHASSIS DATA:

The chassis shall be a minimum 19,500 lbs. G.V.W.R., and dual rear wheels. The chassis charging system must be adequate to meet the requirements of the specified equipment.

Comply: _____

CHASSIS MANUFACTURER AND MODEL NUMBER:

Indicate manufacturer and model number of the chassis quoted.

Manufacturer: _____

Model: _____

34' AERIAL BUCKET TRUCK DEVICE

AERIAL DEVICE

MINIMUM GENERAL PERFORMANCE DATA:

Minimum Platform Height:	34'
Working Height, Minimum:	39'
Horizontal Reach, Side Hung Basket:	24'
Horizontal Reach, End or Rotator Basket:	26'
Approx. Stowed Travel Height:	9'-10"
Extension Boom Travel:	128"
Main Boom Travel:	22° to +82°
Basket Capacity:	350 lbs.
	Comply_____

The completed unit shall be certified as passing A.N.S.I. A92.2 stabilization tests without outriggers and successful bidder shall demonstrate these capabilities upon delivery.

Comply_____

MAIN BOOM:

The main boom shall be constructed of 8" X 8" rectangular high strength steel tubing. The minimum travel shall be from 22° below horizontal to 82° above horizontal. The main boom shall be equipped with wear pads to separate the main boom and the extension boom. The wear pads must be made of 1/4" thick UHMW polyethylene. The wear pads must be replaceable without disassembly of boom sections.

Comply: _____

MAIN BOOM FIBERGLASS

The main boom shall include a fiberglass insert to provide an insulation gap of 14" when the telescopic boom is fully retracted. The insert shall be bolted and glued to provide a secure connection. The boom shall be clearly labeled to indicate the area of insulated protection.

Comply: _____

CONTINUOUS ROTATION:

The rotation shall be continuous in either direction. A rotation manifold shall provide 8 individual ports; 4 for hydraulic and 4 for pneumatic flow. Each port shall be separated by o'rings. The inner core of the manifold should be attached to the turntable and allow for maintenance of all hoses without removing guards for service or inspection. The outer case should be attached securely to the pedestal to prevent rotation.

Comply: _____

EXTENSION BOOM:

The inner boom shall be made from 7" x 7" fiberglass tubing. The inner wear pads must be of threaded adjustable UHMW polyethylene and must be able to be changed without the disassembly of the booms. A hydraulic cylinder shall accomplish the telescopic action

34' AERIAL BUCKET TRUCK DEVICE

of the extension boom. The use of chains or cables to extend is not acceptable. A polyethylene sleeve shall be placed over the basket end of the extension cylinder to increase the distance of dielectric integrity. The polyethylene sleeve shall be certified for 50KV.

Comply: _____

PEDESTAL:

The pedestal shall be a structural box shape and include the hydraulic reservoir, electrical and hydraulic components. An adequate sized opening shall be provided, accessed by a removable door or cover to allow access to the internal components. A hydraulic reservoir fill indicator shall be clearly visible and labeled to indicate the condition of the oil level. The pedestal shall be machined flat for installation of the shear ball rotation bearing. The pedestal structure must be of a single piece design and bolted directly to the lift subframe. Risers and spacers are not acceptable.

Comply: _____

TURNTABLE:

The turntable shall be constructed of high strength structural plate. The turntable shall be designed to resist all torque loads. All pivot points for the booms and cylinders shall be line bored to allow for proper alignment.

Comply: _____

A 17" diameter shearball rotation bearing is required. Bearing races shall be heat-treated and sealed to prevent entry of dirt and moisture and be equipped with readily accessible pressure (zerk) lubrication fittings. The rotation shall be driven by a worm gear, reduction gearbox. A means of adjustment shall be included to provide for proper gear backlash. The rotation system will be self-locking in the event of hydraulic failure. The input shaft shall be machined with an extended hexagon design to allow for manual rotation. Rotation will be 360° continuous.

Comply: _____

SUBFRAME:

An engineered and chassis manufacturer approved subframe shall be secured to the vertical section of the vehicle frame and provide adequate strength to withstand the load of the aerial lift. Upfitter fabricated sub-frames, "U" bolt secured aerial mounting, or mechanical supports to the inner chassis frame will not be accepted.

Comply: _____

BOOM SUPPORT:

A four point, triangular type boom support shall be provided to support the aerial lift booms in the transport position. An over-center hook clamping device, shall secure the booms to the support for road transport. Ratchet type straps will not be considered

Comply: _____

R.I. DIVISION OF PURCHASES
BID # 7550751

34' AERIAL BUCKET TRUCK DEVICE

HYDRAULICS & CONTROLS:

The hydraulic system shall be designed as an open center hydraulic system. All hydraulic components including the 10-gallon hydraulic reservoir shall be housed with-in the aerial lift pedestal. Exposed reservoirs or plastic tanks are not acceptable. The reservoir must be equipped with a drain plug, filler cap, air filter vent, sight level gauge, baffle system and shut-off valve at the outlet. A 10-micron return filter shall be installed as close to the reservoir as possible and must be accessible for maintenance. A pressure relief valve must be built into the system to prevent overload. The pressure relief must be set at 2250 P.S.I.

Comply: _____

Aerial device shall be equipped with basket and turntable mounted control stations. Individual control levers at both the upper control station and the lower control station shall automatically return to neutral position when released.

Comply: _____

The controls shall use full pressure proportional hydraulic valves. In order to prevent inadvertent actuation of the boom position controls at the basket, the use of an unlocking device shall precede the use of the control itself and shall be maintained simultaneously during the use of the controls. When either control is released, boom movement stops and oil flow is redirected to the reservoir. The basket mounted control station shall permit the operator to control all boom movement; chassis start and stop controls, and emergency backup functions.

Comply: _____

The turntable mounted lower control valve overrides the upper control valve. It shall be capable of maintaining override of the upper control valve while unattended.

Comply: _____

The aerial lift shall be powered by a hydraulic pump, which produces up to 7 GPM. The hydraulic system will also include a 12-volt D.C. emergency backup system. The D.C. motor and pump delivers 1.4 GPM.

Comply: _____

All hydraulic hoses shall be placed within a cable track located inside of the main boom. Hoses shall be protected against abrasion, twisting, and normal wear.

Comply: _____

Hydraulic hoses shall have a 4 to 1 safety factor from operating to burst pressure.

Comply: _____

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HYDRAULIC CYLINDERS:

The main boom double action lift cylinder shall have a minimum 4-1/2" bore. The extension boom double action cylinder shall have a minimum 2" bore. Holding valves shall be attached to each cylinder to prevent boom creep and to lock the cylinders in the event of line failure. Hydraulic cylinders shall have welded and threaded end caps for maximum safety. Piston shaft shall be highly polished chrome finish.

Comply: _____

FULL BODY HARNESS:

An "extra-large" full body high visibility vest style harness with reflective striping made of 1 3/4" type 13 nylon webbing. The waist and chest straps use the pass thru-style buckles for positive securement. Leg straps have tongue and pass thru buckles.

Comply: _____

A 4' X 1/2" nylon-filament lanyard with double latching hooks is provided.

Comply: _____

MANUALS:

Each unit shall include a separate operator's manual and a separate parts/maintenance manual. There must be two sets of manuals for each unit.

Comply: _____

A manual box mounted to the rear cab interior wall shall be provided for one (1) set of the provided manuals

Comply: _____

END HUNG BASKET:

The end hung basket shall place the basket at the end of the telescopic boom and shall provide 3 sides of the basket to be unobstructed by controls or attachments.

Comply: _____

The basket must be supported from the bottom presenting access to work area from the bottom and eliminating the boom from blocking access.

Comply: _____

The use light duty telescopic booms, buckets secured to boom from the top of the bucket will not be accepted as a suitable substitute. The basket must be supported from the bottom and allow accessibility from all four sides without obstruction from the boom.

Comply: _____

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HYDRAULIC BASKET ROTATOR:

A hydraulic basket rotator shall rotate the basket 180° about the end of the boom from curbside to streetside. A control valve located at the upper controls shall control the rotation.

Comply: _____

JOYSTICK CONTROL:

A one-hand joystick control constructed of non-conductive material with trigger activation will be used to operate the upper controls. Boom movement cannot occur if the trigger is not activated. With the booms stowed in the rest, the control handle is oriented so the operator will operate with the joystick handle in the right hand when facing away from the truck. Pulling up on the joystick handle is to raise the booms. Pushing down on the joystick is to lower the boom. Pulling the joystick back is to retract the extension boom. Pushing the joystick forward extends the extension boom. Pushing the joystick to the right or left rotates the booms.

Comply: _____

BASKET

The basket shall be a 24" X 30" X 42" molded fiberglass. Entry is gained by an inner/outer molded step. The basket shall be completely enclosed and shall not have any holes for drainage or otherwise. The basket shall be automatically leveled as the main boom raises. The hydraulic basket leveling shall incorporate two enclosed loop, leveling cylinders, and appropriate valving. A control valve to stow/trim the basket shall be located at the upper controls and is optional at the lower override controls. The basket stow requires simultaneous activation with the locking valve to prevent inadvertent movement.

Comply: _____

BASKET LINER

A basket liner shall be provided to fit inside of the fiberglass basket. The liner shall be designed to be supported by the bottom of the basket. The liner should include a lip that fits over the top of the fiberglass basket to prevent sharp objects from lodging between the basket and the liner. The basket liner shall also have a molded integral step inverted inside of the liner to assist in basket entry/exit. The basket shall be certified to 50KV minimum.

Comply: _____

VINYL BASKET COVER

A basket cover shall be provided that completely covers the top molded lip of a standard 24" X 30" X 42" basket. The cover must be of a good quality vinyl material and shall include an elastic cord or band to keep the cover secured to the basket. A strap with latching hook shall be permanently attached to the cover to allow for securing to the boom tip, preventing accidental loss.

Comply: _____

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LOWER BASKET STOW CONTROL:

A lever control at the lower control station which will be used to for basket tilt/dump.
Comply: _____

UPPER CONTROL LOCKOUT:

An upper control valve lockout shall be available for the basket-stow and the rotating basket if so equipped. The lockout requires releasing a mechanical lock prior to the movement of the valve handle

Comply: _____

STABILIZATION TORSION BAR:

Install a stabilizer bar system to enable complete unit to comply with the aerial device stability requirements of Section 4.5 of ANSI A92.2-1990 specifications. The torsion bar shall be attached to the rear axle of the chassis.

Comply: _____

Supply stiff rubber load boosters on the front axle for added stability

Comply: _____

TOOL CIRCUIT AT BASKET:

A hydraulic tool circuit shall be provided at the upper control station. Activation must disable all boom functions to prevent inadvertent movement.

Comply: _____

HYDRAULIC POWER

Hydraulic power shall be provided by a PTO operated by the chassis transmission. The PTO shall be activated by the PTO manufacturer's dedicated switch with an indicator which shall illuminate when placed into operation.

Comply: _____

A properly sized direct mounted hydraulic pump operating at idle shall also be provided.

Comply: _____

SAFETY INTERLOCKS

The following ANSI and OSHA required interlocks shall be installed:
Emergency Brake

Comply: _____

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SERVICE BODY

Fiberglass Service Body

Body Dimensions:

- 132" long x 42" high x 94" wide.
- 81" CA with dual rear wheels.
- 42" compartment height
- 20" compartment depth
- 54" load space width
- 25" top of body to the top of the floor
- 20" horizontal compartment height

Comply: _____

Minimum Requirements

- Vinyl rock guards
- Fuel fill cup
- Removable wheel panels
- White compartment interiors
- Recessed LED exterior stop/tail/turn, backup and ICC lighting
- Automotive grade door gaskets
- Aluminum forward bulkhead
- Aluminum tailskirt
- Type 304 Stainless steel hinges and hardware
- Type 304 Stainless steel automotive style rotary latch
- Brackets for adjustable shelves in all compartments
- One piece molded doors
- Recessed door seal system
- Flow thru ventilation system
- .1875" Aluminum treadplate floor
- Tailboard brackets
- White Gel-Coat exterior color

Comply: _____

Included "severe service" options:

- Aluminum load bed walls
- Aluminum treadplate compartment tops
- LED continuous compartment lighting, top and sides of the door opening, switched
- Rod style "Master Locking System"

Comply: _____

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Streetside Compartmentation:

1st vertical

30.5" wide x 40" high x 20" deep
One (1) adjustable shelf each with adjustable dividers

2nd vertical

30.5" wide x 40" high x 20" deep
One (1) adjustable shelf, with adjustable dividers

Horizontal Compartment

40" wide x 18" high x 20" deep
One (1) adjustable shelf, with adjustable dividers

Rear Vertical

31" wide x 40" high x 20" deep
1-3-1 Swivel/locking rope hooks

Comply: _____

Curbside Compartmentation

1st Vertical

30.5" wide x 40" high x 20" deep
- One (1) adjustable shelf each with adjustable dividers

2nd Vertical

30.5" wide x 40" high x 20" deep
One (1) adjustable shelf

Horizontal Compartment

40" wide x 18" high x 20" deep
One (1) adjustable shelf

Rear Vertical

31" wide x 40" high x 20" deep
One (1) adjustable shelf

Comply: _____

NOTE: All dimensions approximate

34' AERIAL BUCKET TRUCK DEVICE

TAILSHELF

The rear of the chassis shall be extended and supported with steel channel to create a rugged mounting area for the tailshelf and ICC bumper. This structure shall contain reinforcement for an integral ICC bumper, side access steps and support a "multi-hitch" assembly with chain loops.

Comply: _____

The "multi-hitch" shall be secured with four (4) bolts and be equipped with a 2" ball and pintle combination. A trailer plug compatible with RIDOT equipment shall be supplied

Comply: _____

The tailshelf surface is to be aluminum treadplate which shall include curbside stairway and shall have an aluminum "loop" type railing for stairway access

Comply: _____

A chrome grab handle shall also be installed on the compartment bulkhead for use when utilizing the stairs

Comply: _____

Gripstrut rubber suspended step shall be attached below the tailshelf stairway

Comply: _____

All ICC lighting shall be placed in the tailshelf along with surface mounting of a LED Traffic Advisor

Comply: _____

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CAB GUARD:

A full aluminum cab guard shall be provided. The cab guard shall extend from the top of the utility body, over the cab and to the front of the hood. The guard shall completely cover the cab roof, windshield and hood and be supported from the front bumper with 2" x 2" extruded aluminum tubing. The cab guard shall not inhibit cab door or hood access

The front of the cab guard extending from the windshield forward shall be expanded aluminum allowing for enhanced visibility

The area over the cab is to be aluminum diamond plate.

The riser behind the cab is to be aluminum diamond plate and allow for a large viewing area for the rear window which will be protected by expanded aluminum

The complete upper surfaces of the cab guard shall be reinforced with 2" x 2" extruded aluminum tubing to allow for this surface to be utilized as a working/walking surface

All visible extruded aluminum surfaces shall have a "brushed" finish Comply: _____

LADDER/POLE RACK

Located along the streetside, located over the top of the utility body a custom built brushed aluminum ladder/pole rack. This rack shall angle upward above the cab and shall not inhibit the operation of the aerial device turret. The rack is to have a capacity of 350# and be equipped with a "half round notch" and a retainer to prevent a pole from sliding as well as a "ratchet" type hold down device. Proof of a suitable design may be required

Comply: _____

STRIPING

An inverted "Z" stripe shall run along the base of the cab doors and continue upward on the front compartments and then continue to the end of the body. This stripe is to match other RI DOT equipment.

Comply: _____

The stripe is to be a Blue Scotchlite Reflective Traffic Grade material

Comply: _____

Install RIDOT supplied seal

Comply: _____

Conspicuity marking shall be installed along the rear of the tailshelf on the rubrail surface
Comply: _____

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ELECTRICAL, WARNING and LIGHTING SYSTEMS

Electrical System:

All electrical equipment installed must conform to current automotive electrical system standards. The wiring shall be individually and permanently color-coded on the insulation. The insulation shall meet SAE Standard J1128 in its latest edition for GXL or SXL temperature rating. All exposed wiring shall be run in a heat resistant loom or conduit. All wiring looms or conduit shall be properly supported and attached to body members along the entire run. At any point where wire or looms must pass through metal, rubber grommets shall be installed to protect the wire from abrasion.

Comply: _____

The main low voltage chassis to body Flex-Panel interface point and distribution panel shall be provided at the rear of the chassis cab interior, behind the seat. This area must provide easy access for service. The distribution panel shall be labeled and shall contain body electrical relays, and wire connection bar. The distribution panel must contain electrical harness quick disconnects or connectors to facilitate removal of the body module in the future. Additionally, the Flex-Panel shall include an integral 6 position switch console.

Comply: _____

Electrical connections in exposed areas shall be made using heat shrink or weatherproof connections. All circuits shall be protected with automatic reset circuit breakers.

Comply: _____

All electrical equipment switches shall be mounted on a switch panel mounted in the cab convenient to the operator. These light switches shall be rocker type with integral indicator light to show when the circuit is energized. All switches shall be appropriately identified as to function.

Comply: _____

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WARNING LIGHTS

3.375" x 7.625" semi-oval, amber LED warning lights, integral flasher, scan lock patterning and clear lenses with chrome plated surface mount flange adapters shall be mounted in the following locations:

- Two (2) mounted on the front grille area, one (1) each side
- Two (2) mounted on the rear of the body, one (1) each side
- Two (2) mounted on the front fenders, below the chassis designation, one (1) each side
- Two (2) mounted on rear fender skirts, one (1) each side

NOTE: Each directional LED is to be programmed and flash in a rotating pattern
Comply: _____

One (1) 56" x 12" x 2.25" LED Light Bar shall be installed on the cab roof. The light bar shall be configured with CON3 modules installed as follows:

- Clear Lenses
 - Four (4) Corner, 6 emitter, amber LEDs
 - Six (6) Forward Facing, 3 emitter amber LEDs
 - Two (2) Forward Facing, LED Take Down Lights
 - Two (2) Side Facing LED Alley Lights
 - Six (6) Rear Facing, 3 emitter, red LEDs
 - Two (2) Blank spaces, where aerial pedestal blocks rearward vision
- Comply: _____

One (1) 46.875" long, 8 module, TIR6 Amber LED Traffic Advisor shall be installed surface mounted on the tailshelf. Compatible controls shall be placed in the cab console with access to both the driver and passenger

Comply: _____

WORKLIGHTING

Supply two (2)-LED, 16,000 lumen, dual head floodlight with integral on/off switch being operated from 12 VDC chassis power

Comply: _____

The floods shall be mounted as follows:

- One (1) with a swivel base and on the top of the curbside compartments, in the rear
- One (1) on a "push up" aluminum telescopic pole with large twist locking collar and external coil cord. This flood is to be mounted on the front of the of the curbside compartment

Comply: _____

Two (2) 4" dia. LED recessed mounted load bed lights shall be provided

Comply: _____

34' AERIAL BUCKET TRUCK DEVICE

SWITCHING

The chassis supplied upfitter switches shall operate the following:

- Compartment Lights
- Load Bed Lights
- Opticom Test Emitter (future installation by RIDOT)
- Spare

Comply: _____

A six (6) position switch console shall be provided with six (6) 25 amp lighted switches and labeling. This switch console shall be configured as follows:

- LED Warning Flashers
- Light Bar
- Take Down Lights
- Left Alley Light
- Right Alley Light
- Spare

Comply: _____

120 VAC POWER

A Portable Generator shall be provided. The generator is to be stored in the load bed area, directly below aerial device boom. The generator specifications are as follows:

- Engine GX200
- Displacement 196cc
- AC Output 120V 3000W max. (25A) 2800W rated (23.3A)
- Receptacles 2-20A 125V Duplex NEMA Plug Number: 5-20P
- 20A 125V Duplex, 30A 125V Locking Plug
- Full Sine output
- Red, noise quieting protective housing
- DC Output 12V, 144W (12A)
- Starting System:
 - Recoil
 - Electric with integral battery
- Fuel Tank Capacity 3.45 gallons
- Run Time on One Tank full 7.2 hours @ rated load, 20 hours @ 1/4 load
- Dimensions (L x W x H) 25.8" x 18.9" x 22.4
- Noise Level 58 dB @ rated load 49 dB @ 1/4 load
- Dry Weight 134 lbs.
- Residential Warranty 3 Years
- Commercial Warranty 3 Years

Comply: _____

The generator shall be secured to a custom fabricated bracket constructed in aluminum. The bracket is to equipped with a hold down/lock assembly.

Comply: _____

This generator is to be provided with a cover

Comply: _____

34' AERIAL BUCKET TRUCK DEVICE

ADDITIONAL EQUIPMENT

- Mud flaps
- Inclinometer , installed at each outrigger control
- Fire extinguisher, 5#
- Reflector kit
- First aid Kit
- Two (2) grip strut wheel chocks
- Pin style cone holder capable of holding 6 cones

Comply: _____

Chassis Specifications

4x2 Regular Cab 168.5" WB

Comply_____

Packages

- Quick Order Package
- 4.44 Rear Axle Ratio
- Base Door Trim Panel

Comply_____

Emissions

50 State Emissions

Comply_____

Powertrain

Engine:

- 6.8 Liter Gasoline
- 87 mph Maximum Speed
- Electronically Controlled Throttle
- Active Air Selective Catalytic

Comply_____

Transmission:

6-Speed Automatic Aisin AS69RC

Comply_____

GVWR:

19,500 lbs

Comply_____

4.10 Rear Axle Ratio

34' AERIAL BUCKET TRUCK DEVICE

Comply_____

Wheels & Tires

Tires: 225/70R19.5G All Position
Wheels: 19.5" x 6.0" Steel

Comply_____

Seats & Seat Trim

Main Seat: Vinyl Bucket Seats

Comply_____

Other Options

Paint: Monotone Paint Application

Comply_____

Chrome Appearance Group: Bright Front Bumper
Bright Grille

Comply_____

Upfitter Electronic Module

Comply_____

Engine Block Heater

Comply_____

Heavy Duty Front Suspension Group

Comply_____

Power Take Off Prep: Hard Wired Remote Star Split Shaft Capability Power
Take Off

Comply_____

Radio: Uconnect 3.0 AM/FM Bluetooth
For hands free

Comply_____

Power: **Power Windows and Door Locks**

Interior Colors: Gray/Black

Comply_____

Primary Colors: Bright White Clear coat

Comply_____

34' AERIAL BUCKET TRUCK DEVICE

- Powertrain:** 6.8 Liter Gasoline
Minimum of 350 hp
180 amp alternator
730 amp battery with run down protection
transmission oil cooler
6-speed electronic sequential shift control automatic
transmission with overdrive, lock-up, driver selection
Rear-wheel drive
Limited slip differential, ABS & driveline traction
control, power take-off provision
4.10 axle ratio
Stainless steel exhaust
Comply_____
- Steering and Suspension:** Hydraulic power-assist re-circulating ball steering
4-wheel disc brakes with front and rear vented discs
HD ride suspension, with electronic stability
Non-independent front suspension
Front leading link suspension
Front anti-roll bar * HD front coil springs * HD front
shocks * Rigid rear axle * Rear leaf suspension * HD
rear anti-roll bar * HD rear leaf springs * HD rear
shocks * Front and rear 19.5" x 6.00" argent steel
wheels * 225/70R19.5 BSW AS
Comply_____
- Safety:** 4-wheel anti-lock braking system, Dual airbags, seat
mounted driver and passenger side-impact airbags,
airbag occupancy sensor, Front height adjustable
seatbelts with front pre-tensioners, Sentry Key
immobilizer
Comply_____
- Comfort and Convenience:** Air conditioning, AM/FM/ Bluetooth, Satellite-prep,
clock, seek-scan, external memory control, 2 speakers,
fixed antenna, Cruise control with steering wheel
controls, 2 12V DC power outlets, retained accessory
power,
Comply_____
- Analog Instrumentation:** Display includes tachometer, oil pressure gauge,
engine temperature gauge, voltmeter gauge, oil
temperature gauge, transmission fluid temp gauge,

34' AERIAL BUCKET TRUCK DEVICE

engine hour meter, systems monitor, redundant digital speedometer, trip odometer,

Comply_____

Warning Indicators:

Engine temperature, low oil level, low coolant, lights on, key, low fuel, low washer fluid, lighting malfunction, door ajar, service interval, brake fluid, turn signal on, transmission fluid temp

Comply_____

Convenience:

Steering wheel with tilt adjustment, Manual front windows with light tint * Variable intermittent front windshield wipers, Passenger side vanity mirror, Day-night rearview mirror, Interior lights include dome light with fade, Glove box, front cupholder, instrument panel bin, dashboard storage, driver and passenger door bins
Upfitter switches **power windows and door locks**

Comply_____

Seating and Interior:

Seating capacity of 3 * 40-20-40 split-bench front seat with adjustable head restraints, center armrest with storage ,4-way adjustable driver seat, 4-way adjustable passenger seat, Vinyl faced front seats with vinyl back material *Full cloth headliner, full vinyl/rubber floor covering, deluxe sound insulation, urethane gear shift knob

Comply_____

Exterior Features:

Side impact beams, front license plate bracket, fully galvanized steel body material * Black fender flares, Black side window moldings, black front windshield molding, Black door handles, Chrome grille, 2 doors, Trailer harness, trailer sway control * Driver and passenger manual black convex spotter folding manual extendable trailer outside mirrors, Front chrome bumper with front tow hooks, Aero-composite halogen fully automatic headlamps with multiple headlamps, delay-off feature, Additional exterior lights include cab clearance lights * Clearcoat monotone paint

Comply_____

Warranty:

Basic

36 month/36,000 miles

Powertrain

60 month/100,000 miles

34' AERIAL BUCKET TRUCK DEVICE

Corrosion Perforation	60 month/100,000 miles
Roadside Assistance	36 month/36,000 miles
Diesel Engine	60 month/100,000 miles

Comply_____

Minimum Dimensions and Capacities:

Output	325 hp @ 2,900 rpm
Torque	750 lb.-ft. @ 1,600 rpm
1st gear ratio	3.750
2nd gear ratio	2.000
3rd gear ratio	1.340
4th gear ratio	1.000
5th gear ratio	0.770
6th gear ratio	0.630
Reverse gear ratio	3.540
Curb weight	7,896 lbs.
GVWR	19,500 lbs.
Front GAWR	7,250 lbs.
Rear GAWR	13,500 lbs.
Payload	10,130 lbs.
Front curb weight	4,671 lbs.
Rear curb weight	3,225 lbs.
Front axle capacity	7,000 lbs.
Rear axle capacity	13,500 lbs.
Front tire/wheel capacity	7,940 lbs.
Rear tire/wheel capacity	15,000 lbs.
Towing capacity	17,980 lbs.
Front legroom	41.0 "
Front headroom	40.3 "
Front hiproom	62.9 "
Front shoulder room	66.0 "
Passenger area volume	62.5 cu.ft.
Length	258.3 "
Body width	78.9 "
Body height	80.1 "
Wheelbase	168.5 "
Cab to axle	84.1 "
Axle to end of frame	51.1 "
Front track	76.0 "
Rear track	73.6 "
Turning radius	24.0 '
Fuel tank	52.0 gal.
Interior cargo volume	15.2 cu.ft.
Interior maximum cargo volume	15.2 cu.ft.

34' AERIAL BUCKET TRUCK DEVICE

Rear frame height unloaded	33.4 "
Output	325 hp@ 2,900 rpm
Torque	750 lb-ft. @ 1,600 rpm
1 st gear ratio	3.750
2nd gear ratio	2.00
3rd gear ratio	1.340
4th gear ratio	1.00
5th gear ratio	0.770
6th gear ratio	0.630
Reverse gear ratio	3.540
Curb weight	7,896#
GVWR	19,500#
Front GAWR	7,250#
Rear GAWR	13,500#
Payload	10,130#
Front curb weight	4,671#
Rear curb weight	3,225#
Front axle capacity	7,000#
Rear axle capacity	13,500#
Front tire/wheel capacity	7,940#
Rear tire/wheel capacity	15,000#
Towing capacity	17,980#
Front legroom	41"
Front headroom	40.3"
Front hiproom	62.9"
Front shoulder room	66.0"
Passenger area volume	62.5 cu. ft.
Length	258.3"
Wheelbase	168.5"
Cab to axle	84.1"
Axle to end of frame	51.1"
Front track	76.0"
Rear track	73.6"
Turning radius	24'
Fuel tank	52 gal
Interior cargo volume	15.2 cu. ft.
Interior maximum cargo volume	15.2 cu. ft.
Rear frame height unloaded	33.4"

Comply_____

34' AERIAL BUCKET TRUCK DEVICE

"INSTALL SUPPLIED STATE RADIO"

GPS : A system will be installed to track this vehicle at the time that all specs are put out for advertisement RIDOT could be contacted to which system and carrier that should be used

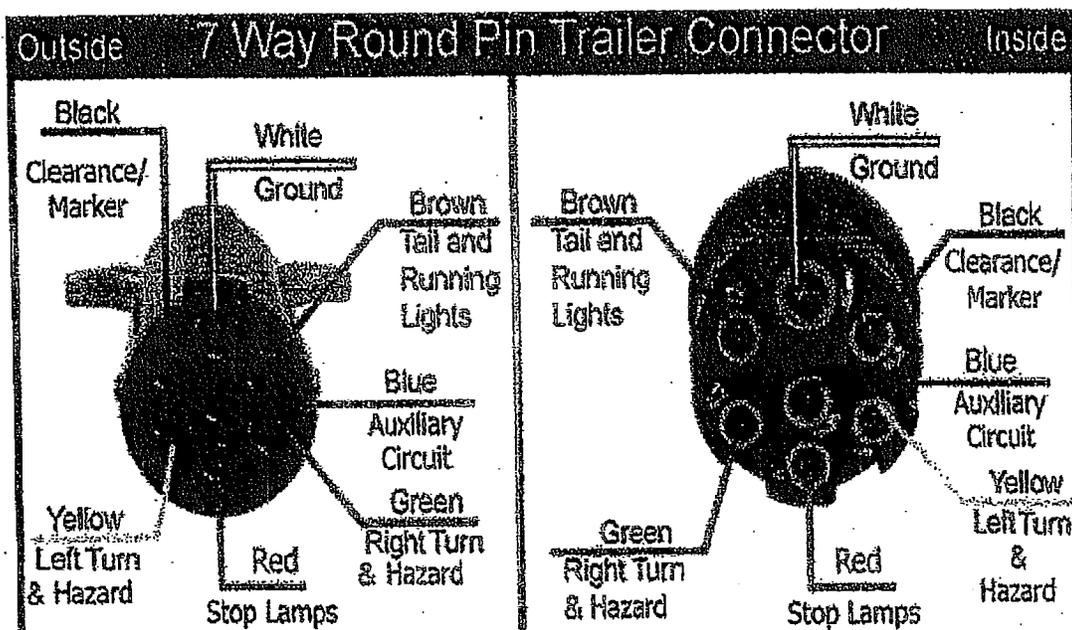
CERTIFICATE OF ORIGIN :

The Contractor shall furnish a Certificate of Origin to RIDOT
The Certificate shall be completed as follows:

Name of Purchaser: State of RI/Fleet Operations
Address of Purchaser: One Capitol Hill Providence, RI 02908

ALL BIDS SUBMITTED MUST BE IN DUPLICATE

RIDOT
STANDARD TRAILER
WIRING DIAGRAM



PLASTIC GROTE PLUG #82-2140

FITS PLASTIC GROTE SOCKET #82-2145

RIVIP

IT IS THE VENDOR'S RESPONSIBILITY TO CHECK AND DOWNLOAD ANY AND ALL ADDENDA FROM RIVIP. THIS OFFER MAY NOT BE CONSIDERED UNLESS A SIGNED RIVIP GENERATED BIDDER CERTIFICATION COVER FORM IS ATTACHED AND THE UNIT PRICE COLUMN IS COMPLETE. THE SIGNED CERTIFICATION COVER FORM MUST BE ATTACHED TO THE FRONT OF THE OFFER. WHEN DELIVERING OFFERS IN PERSON TO ONE CAPITOL HILL, VENDORS ARE ADVISED TO ALLOW AT LEAST ONE HOUR ADDITIONAL TIME FOR CLEARANCE THROUGH SECURITY CHECKPOINTS.

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NOTE: IF THIS COVERS CONSTRUCTION, SCHOOL BUSING, HAZARDOUS WASTE, OR VESSEL OPERATION, APPLICABLE COVERAGES FROM THE FOLLOWING LIST MUST ALSO BE SUBMITTED TO THE DIVISION OF PURCHASES PRIOR TO AWARD: *PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSION) - \$1 MILLION OR 5% OF ESTIMATED PROJECT COST, WHICHEVER IS GREATER. *BUILDER'S RISK INSURANCE – COVERAGE EQUAL TO FACE AMOUNT OF CONTRACT FOR CONSTRUCTION. *SCHOOL BUSING – AUTO LIABILITY COVERAGE IN THE AMOUNT OF \$5 MILLION OF FACE AMOUNT OF CONTRACT, WHICHEVER IS GREATER. *VESSEL OPERATION – (MARINE OR AIRCRAFT) – PROTECTION & INDEMNITY COVERAGE REQUIRED IN THE AMOUNT OF \$1 MILLION.

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