



State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM #1

RFP #7550660

TITLE: WATER TANK TRUCK

SUBMISSION DEADLINE:

6/23/16 – 10:00 A.M.

Attached please find specifications for both transmission and Truck Mounted Full Matrix Modular PVMS Display which were inadvertently omitted from the bid specifications.

Lisa Hill

Lisa Hill
Chief Buyer

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TRANSMISSION, AUTOMATIC {Allison 3000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max. Comply____

TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission Comply____

TRANSMISSION OIL Synthetic; 29 thru 42 Pints Comply____

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); General Purpose Trucks, Construction Comply____

SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming Comply____

AXLE, REAR, SINGLE {Dana Spicer S26-190} Single Reduction, 26,000-lb Capacity, R Wheel Ends, Gear Ratio: 6.14 Comply____

Description

Includes

: REAR AXLE DRAIN PLUG (1) Magnetic, For Single Rear Axle Comply____

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires. Comply____

: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance Comply____

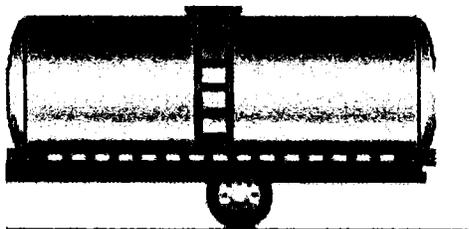
SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000-lb Capacity, Includes 4500-lb Capacity Multileaf Auxiliary Comply____

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires. Comply____

AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 30 thru 39.99 Pints Comply____

Minimum of a 2400 gallon gravity feed tank mounted to chassis



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Truck Mounted Full Matrix Modular PVMS Display

Truck Mounted Full Matrix PVMS Displays, including Installation of the PVMS.

Construction and Configuration

Mounting	Truck Bed Mount
Material	Aluminum Display Panel Frame
Lift Mechanism	Power actuator to initiate lifting of Display panel
Display Panel Support	The Display Panel shall be lifted to provide clearance for cab roof Mounted light bar visibility
Coating	Tubular steel frame
Display Panel	Black power coat finish or primer with black urethane finish
Type	Full Matrix sign composed of interchangeable display modules
Size	Pixel arrangement of no less than 24 pixels x 48 pixels and no greater than 30 pixels x 56 pixels.
Pixel LED's	Each pixel shall be composed of 1, 2 or 4 LED's in a closely spaced arrangement so to as to appear as a single round image at normal viewing distances.
LED Color	590mm (+/-2mm) amber-colored LED
LED Viewing Angle	24° to 30° cone of vision
Standard Font	5 pixels wide by 7 pixels high
LED Output Level	Automatically adjusts to ambient conditions and also manually adjustable from 0 to 100%

Sign Controller

Type	Handheld control unit shall be able to be operated from inside the truck cab
Menu Display	Control panel shall provide sign status and current message display or display or display sequence name.
Actuator Control	Shall provide control of Display Panel lift mechanism
Battery Monitoring	Shall display battery output parameters or provide a low battery warning
Security	Shall be password protected

Sign Display Features

Typical Message	Three (3) Line display with Eight (8) 12" Characters on each Line
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Messages	99 user-programmable messages, minimum
Fonts	Shall include multiple sizes and widths or fonts
Graphics	Arrow Board function, at a minimum
Programming	User shall be able to create, edit, save and display messages of single and multiple pages

Network and Remote Control Functions

The truck Mounted Full Matrix Modular PVMS Display shall be able to be controlled remotely over a public cellular data network from a manufacturer supplied central controller or NTCIP compatible VMS control system.

Electrical and Environmental Requirements

Display Panel Power	12 VDC from the vehicle's electrical system
Operating Temperature	-22°F to 164°F, Minimum

Installation Requirement

Installation should be done according to the industry and RIDOT Standards

Maintenance, Repair and Extended Warranty

Vendor must submit a maintenance schedule that includes what will be covered under the scheduled maintenance based on manufactures recommendations.

Vendor must identify and list local repair representative(s) who shall respond within a 72 hour period during normal business hours. Monday through Friday between 7AM and 3PM of a service call during life of the maintenance, and extended warranty. Repair representative will repair the PVMS at its field location or at RIDOT facilities.

All associated maintenance of the PVMS equipment including solar panel system support and battery charging / maintenance is the responsibility of the contractor during the (2) two year maintenance, repair and extended warranty period. The vendor shall assume responsibility for all damaged PVMS

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equipment deployed, including but not limited to, due to rodent damage and adverse weather that may occur during this two year period.

The maintenance repair and extended warranty will apply to all equipment furnished under this procurement including the PVMS, and CTTV.

Training

All training and manuals shall be performed or supplied by factory trained personnel. Classes shall be for up to 6 people and for minimum of 4 hours, covering operation and troubleshooting. A complete set or Operations and Maintenance Manual shall be provided by the vendor for each PVMS purchased.