



Request for Quote

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

CREATION DATE : 16-OCT-17
BID NUMBER: 7566503
TITLE: 1800 GALLON POLY SPRAY TANKS/SPRAY SYSTEM INSTALLED - DOT

BID CLOSING DATE AND TIME:07-NOV-2017 02:00:00

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

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DOT ACCOUNTS PAYABLE
TWO CAPITOL HILL, RM 230
SMITH ST
PROVIDENCE, RI 02903
US

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

Requisition Number: 1530669

Line	Description	Quantity	Unit	Unit Price	Total
1	<p>THERE WILL BE A NON-MANDATORY PRE-BID CONFERENCE HELD AS FOLLOWS:</p> <p>DATE: 10/26/17 TIME: 9:30 A.M. LOCATION: RIDOT MAINTENANCE HEADQUARTERS, 360 LINCOLN AVENUE, WARWICK, RI</p> <p>1800 GALLON POLY SPRAY TANKS WITH SPRAY SYSTEM INSTALLED</p>	4.00	Unit		

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

State of Rhode Island
Division of Purchases

Bid No. 7566503

Specifications for:

HEAVY DUTY 1800 GALLON SELF CONTAINED
TRUCK MOUNTED POLY TANKS WITH SPRAY
SYSTEMS

BACKGROUND:

The Rhode Island Department of Transportation is seeking to contract with a vendor with demonstrated proficiency in engineering, constructing and supplying Self Contained Truck Mounted Poly Tanks with Spray Systems.

The Department expects to contract for a minimum of Four (4) units. The vendor cost proposal will represent one total cost, not itemized.

The following specification and dimensions shall apply to the purchase of FOUR (4) Heavy Duty Self Contained Poly Tank with Spray Systems. Each tank shall hold a minimum of 1700 gallons and no more than 2100 gallons.

SCOPE OF WORK:

This specification describes a self-contained dump truck body mounted liquid treatment applicator consisting of a product tank, easily removable stainless steel mounting frame with self-storage legs, hydraulically operated pump and a control system. Each unit will be capable of loading, transporting, unloading and spraying liquids and de-icers directly to the pavement.

The primary function of this unit will be to carry and apply liquids and de-icers (calcium, magnesium chloride, salt brine) including water for various RIDOT road maintenance operations (sweeping operations, winter ice control etc).

The tank and spray system 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, DOT and FEDERAL standards, codes and regulations.

Any exception no matter how minor must be noted on a separate sheet and be identified by section. Any "or equal" or "equivalent" items for brand specified components shall be listed with the bid package. Complete description and literature on the "or equal" components shall be supplied for consideration by the RIDOT. The burden of proof regarding "or equal" items will be upon the vendor.

The existing RIDOT tandem axel trucks at which the liquid application systems will be installed are equipped with Bosch Rexroth 550-RC closed loop ground speed control units. It is the responsibility of the bidder to provide, calibrate and install the required components to make the units compatible and operational. The successful bidder shall install, calibrate and operationally test each unit.

PLEASE NOTE:

- These units are to fit in the beds of our existing tandem axel dumps (see attached Line Drawing).
- These units are to be easily removable and installable.
- Each unit must be powered by the trucks existing central hydraulic system. All components must be compatible with Bosch Rexroth closed loop controllers.
- If the addition of a secondary controller is required it must not interfere with the operation of our Bosch Rexroth closed loop controllers.

Comply: _____

SPRAY SYSTEM:

- The tank shall be equipped with one self-priming centrifugal spray pump powered by one properly sized hydraulic motor that will be driven by the trucks existing central hydraulic system in accordance with this specification.
- The pump shall be designed to withstand salt solutions with suspended solids or abrasives and be able to withstand severe operation during summer and winter temperatures.
- The pump shall be able to produce a flow rate capable of properly pre-wetting up to a three lane highway.
- The unit shall have multi lane capability meaning individual lane spray patters shall be independently selected from within the cab by means of a switch panel or controller.

Comply: _____

POLY TANK:

- The reservoir/tank shall be constructed of heavy duty UV treated polyethylene able to handle the weight and chemical composition of materials such as water, calcium, magnesium chloride and salt brine.
- The reservoir shall be naturally translucent in color and incorporate molded gallon markers for quantity monitoring purposes.
- The reservoir shall be at least 1700 gallons total in capacity but no more than 2100 gallons in capacity.
- The reservoir design shall incorporate baffles to reduce surging within the tank along with any other recommended or required surge prevention apparatus applicable.
- The reservoir shall be constructed to safely fit our fleet of tandem axel dump truck bodies without modification or alteration to them.
- The reservoir shall incorporate a 16" service entrance with a vented cap.
- The tank shall be guaranteed for 5 years.

Comply: _____

FRAME, LEGS, AND MOUNTING:

- The units shall come equipped with a storage stand system that will be integrated with the reservoir mounting system.
- The skid type arraignment shall be constructed entirely of stainless steel structural steel tubing or equivalent and have fully welded joints.
- The main frame, lateral bracing, legs and all other structural components that mount, fasten, secure or hold the reservoir and related components shall be constructed to withstand all applicable weight and forces when fully loaded.
- Latch bar mounting and tie downs must be included and designed to properly secure each tank to the dump body.

Comply: _____

SPRAY BAR, FITTINGS AND HOSES:

- Each unit shall come equipped with all required hoses, fittings, valves, spray bars and side nozzles.
- Each spray bar and side nozzle shall have removable spray tips.
- All tank fittings shall be constructed of stainless steel.
- All valves shall be constructed of brass and stainless steel.
- All hoses shall be manufactured not to burst or collapse.
- Each tank to chassis hose shall connect with quick connects.
- Each quick connect shall join securely with existing chassis connectors.
- Each tank shall have a waist height fire house coupler and ball valve for filling.

Comply: _____

WARRANTY:

The successful bidder shall guarantee the storage tank/reservoir for a minimum of 5 years. All other components shall be guaranteed for a minimum of one year. The successful bidder shall maintain a fully stocked shop with an inventory of parts that will maintain the systems in operating condition. In the event of a system failure the successful bidder shall supply parts and technical assistance to return the unit to operating condition within 48 business hours of notification.

Comply: _____

MANUALS:

Vendor shall provide current editions of all relevant manuals. This must include but not be limited to overhaul and tune-up manuals, diagnostic, wiring, troubleshooting, and parts manuals for engine and all components. These shall be supplied in both hardcopy and electronic formats.

Two operator's manual detailing the recommended operating procedure shall be delivered with each unit. These shall be supplied in both hardcopy and electronic formats. They 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 vacuum excavation unit, tanks, pump, valves, controls, lighting and all allied equipment and components installed by the upfitter. 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. The content of the set will be evaluated for approval at the prototype approval meeting. Any deviations from this system must be noted on the bid and approved by the RIDOT Division of Highway & Bridge Maintenance Administration. A complete system description and product literature for major components shall accompany the bid. Failure to provide manuals may result in 5 percent of total bid being withheld.

Comply: _____

DELIVERY:

Each unit and all related components shall be delivered and operationally installed on site on each truck at the RIDOT Highway and Bridge Maintenance Headquarters, 360 Lincoln Avenue Warwick RI 02888.

Comply: _____

TRAINING:

A 3 day, "hands on" operator/technician training session shall be provided at RIDOT Division of Highway & Bridge Maintenance Headquarters. The training session topics will be coordinated through RIDOT Motor Pool section and may include but are not limited to engine maintenance and operation, proper unit maintenance and complete unit operation. The training session shall accommodate at least 12 RIDOT employees at each session. Training shall be provided approximately 3 weeks after delivery of the first unit.

A follow up session is required for operators after the unit has been used one season. These sessions are to be held Division of Highway & Bridge Maintenance Headquarters. The operator's session is to be approximately 4 to 6 hours. All training sessions shall be scheduled on a date mutually agreed upon by RIDOT and the supplier. All training sessions shall be performed by competent technician thoroughly trained in the use, service, and operation of the unit.

Comply: _____

DELIVERY SCHEDULE:

Delivery must be completed within one hundred twenty (120) days of the successful proposal. All bidders shall provide as part of their bid a schedule for the delivery of all equipment to RIDOT. This date shall be listed as the number of days following issuance of a Notice to Proceed, that the bidder shall successfully deliver all units to the Rhode Island Department of Transportation. Failure to submit a schedule will result in the bid being considered non-responsive. Failure to meet the schedule will result in 3% retention on the total order.

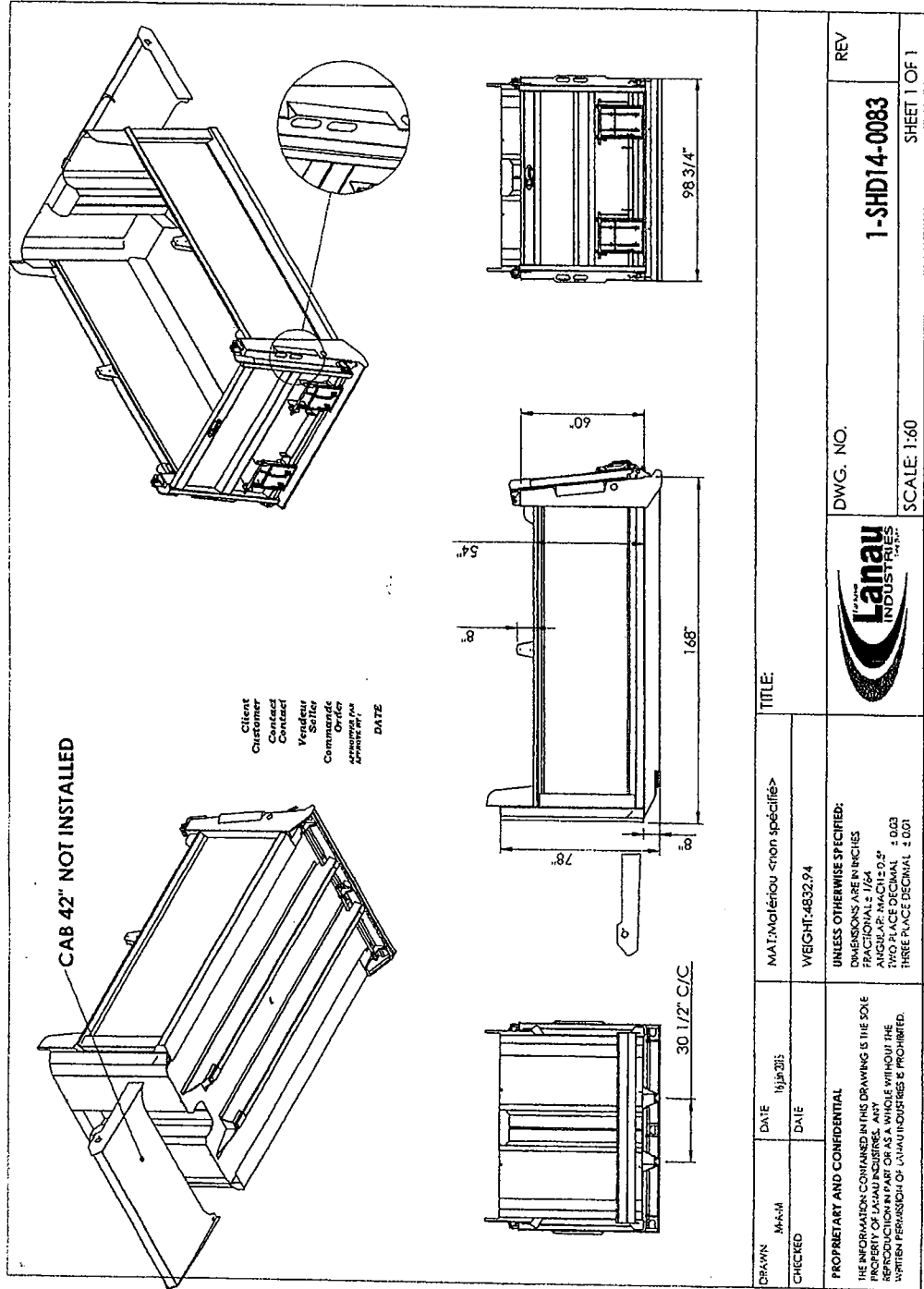
Comply: _____

CONCLUDING STATEMENTS:

Responses to this solicitation must be submitted in duplicate and each page shall be numbered (ex. 1 of X) and include the vender's name. Bids must be predicated on the basis of the bidder's full and unencumbered title to the vehicle(s) as of the date of delivery to the State. Bids subject to lien or assignment at the time of delivery to the State, or which stipulate third party or joint payment, will be rejected. Notwithstanding the above, the State reserves the right not to award this contract or to award on the basis of cost alone, to accept or reject any or all proposals, and to award in its best interest. Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further. The State may, at its sole option, elect to require presentation(s) by offerors clearly in consideration for award.

End of Specification

Attachment 1



DRAWN	DATE	TITLE	DWG. NO.	REV
M-A-M	14/03/05		1-SHD14-0083	SHEET 1 OF 1
CHECKED	DATE	MAT: Matériau <non spécifiés>	SCALE: 1:60	
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LANAU INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LANAU INDUSTRIES IS PROHIBITED.</p>		<p>WEIGHT: 4832.94</p> <p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS 1/64 ANGULAR: MAC1 ± 0.2° TWO PLACE DECIMAL ± 0.03 THREE PLACE DECIMAL ± 0.01</p>		

Contract Terms and Conditions

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Terms and Conditions

BID STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS BID

RIVIP INFO - BID SUBMISSION REQUIREMENTS

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MAILING ADDRESS FOR BID PROPOSALS ISSUED BY THE STATE OF RHODE ISLAND,
DIVISION OF PURCHASES

All Bid Proposals must be submitted by mail or hand delivered to:

- State of Rhode Island
- Department of Administration
- Division of Purchases, Second floor
- One Capitol Hill
- Providence, RI 02908-5855

DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:

No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.

VENDOR SPECIFICATIONS

ALL VENDORS MUST INCLUDE SPECIFICATIONS WITH BID PROPOSAL (EVEN THOSE BIDDING BRAND SPECIFIED). FAILURE TO SUBMIT SPECIFICATIONS WITH BID PROPOSAL MAY RESULT IN DISQUALIFICATION OF BID. ITEMS IN CATALOGS MUST BE CLEARLY MARKED AND PAGES TABBED.

DELIVERY PER AGENCY

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY.