

BID SOLICITATION



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

BID NUMBER: B05930
TITLE: FIRE HOSE
BID OPENING DATE AND TIME:
01/25/2006 11:15 AM

BUYER: LISA HILL
 PHONE #: (401) 222 - 2142 ext. 116

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 ENVIRONMENTAL MANAGEMENT
 DEM DIV OF FOREST ENVIRONMENT
 1037 HARTFORD PIKE
 NORTH SCITUATE RI 02857

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 ENVIRONMENTAL MANAGEMENT
 DEM DIV OF FOREST ENVIRONMENT
 1037 HARTFORD PIKE
 NORTH SCITUATE RI 02857

Requisition Number(s): R74E067098

Item	Class-Item	Quantity	Unit	Unit Price	Total
1.0	<p>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.</p> <p>340-12 MERCEDES FIREBREAK II, 1.5 INCH X 100 FEET WEEPING FORESTRY HOSE W/FORGED ALLOY 1/4 TURN COUPLINGS - PER ATTACHED SPECIFICATION SHEET.</p> <p>CONTACT PERSON: TOM BOURN (401) 647-3367</p>	100.00	EA		
				TOTAL:	

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. 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.

DELIVERY: _____

RIVIP VENDOR ID#: _____

TERMS OF PAYMENT: _____

**DO NOT SIGN BID ON THIS PAGE!
 USE CERTIFICATION COVER FORM.**

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF FOREST ENVIRONMENT

SPECIFICATIONS FOR

HOSE, FORESTRY, LIGHTWEIGHT LINED SYNTHETIC,
SELF-PROTECTING (WEEPING), WOVEN JACKET

1. SCOPE

This specification applies to 1.5 inch (38 millimeter) size of forestry hose suitable for test pressure upon delivery of 300 PSI (2070Kpa). Hose manufactured to this specification shall be of superior quality in both workmanship and raw materials. It shall yield an exceptionally light weight highly flexible forestry hose.

2. MATERIALS AND WORKMANSHIP

All material used in the fabrication of the forestry hose shall be of the best quality normally used for the purpose in good commercial practice for the type designated. The workmanship shall be of the highest quality.

3. JACKET CONSTRUCTION

The jacket shall be made from 100% virgin polyester warp yarn and high tenacity filament polyester filler yarn tightly woven. There shall be no defects, dirt, knots, lumps, or other irregularities affecting the performance of the hose.

4. LINING

The lining must be made such that the thermoplastic material used is laminated directly to the jacket without the use of bonding or backing materials. The lining material in its molten state shall fill the corrugations of the weave and fuse to every warp and filler thread.

5. PERFORMANCE

The minimum service test pressure of hose made to this specification shall be 300 PSI (2070Kpa). The minimum burst pressure of a 3 ft. section shall be 750 PSI (5200Kpa). At service test pressure the elongation shall not exceed 3 (three) feet per 100ft. length. Twisting and warping shall meet or better applicable standards as specified below. There shall be absolutely no rise.

6. PERCOLATION

The hose will be made to percolate by the Hydro-Wick© process to allow water to seep uniformly throughout the length of hose to the outside carcass.

7. DURABILITY

The hose shall be resistant to most chemicals, petroleum products, ozone, ultra-violet radiation, rot and mildew.

8. DIMENSIONS

- a. The outside diameter of the hose shall be such that the 1.5" (38mm) size fits a 1-11/16" (42.9mm) coupling
- b. The hose shall be in lengths of 100 feet when measured from back of the couplings at a pressure of 10PSI (70Kpa).
- c. A 100 foot length of hose, uncoupled, shall have a maximum weight of 10 pounds (4.5Kg) and have a coil diameter of 14 inches (35.5CM) maximum.

9. COUPLINGS

All hose shall be coupled with quarter-turn forged aluminum alloy couplings.

10. MARKING

Beginning approximately 4 feet from each end, each 100 foot length shall be stenciled in letters at least 3/4 inch in height with the letters R.I. and the name or trademark of the manufacturer, the month and year of manufacture, and the words "TESTED TO 300PSI".

11. STANDARDS

Fire hose manufactured to this specification shall meet or exceed all performance requirements of NFPA Standard 1961, Underwriters Laboratory and Factory Mutual.

12. BIDDER

EACH VENDOR WILL SUPPLY THREE (3) 100 FOOT LENGTHS OF 1.5" HOSE WITH THEIR SPECIFICATIONS FOR FIELD TESTING. HOSE TO BE COUPLED WITH QUARTER-TURN COUPLINGS AS SPECIFIED ABOVE.

ALL HOSE SUBMITTED FOR TESTING WILL BE RETURNED TO VENDOR AT THEIR EXPENSE.