State of New Hampshire
Bureau of Purchase and Property
Approval Signature Page

CONTRACT: **Erosion Control Material**
CONTRACT #: **8001543**
VENDOR: **AH Harris**
VENDOR #: **174737**

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PROPOSED BY: _____
KATIE E. DALEY
PURCHASING AGENT
PURCHASE & PROPERTY

DATE PROPOSED: 6/16/2014

RECOMMENDED BY: _____
ROBERT D. STOWELL
ADMINISTRATOR
PURCHASE & PROPERTY

DATE RECOMMENDED: 6/17/14

ENDORSED BY: _____
MICHAEL P. CONNOR
DEPUTY COMMISSIONER
DEPT. OF ADMIN. SERVICES

DATE ENDORSED: 6/18/14

APPROVED BY: _____
LINDA M. HODGDON
COMMISSIONER
DEPT. OF ADMIN. SERVICES

DATE APPROVED: 6/19/14

NOTES: Per Bid 1624-14.

STATE OF NEW HAMPSHIRE
Bureau of Purchase and Property
BID #1624 -14
6/12/2014 @ 2:00 PM
State Contract
Erosion Control Materials

VENDOR	Total Unit Delivered
AH Harris	$1,834.25

Indicates award made to this bidder	

Non Compliant
Pennington Seed
EJ Prescott

STATE OF NEW HAMPSHIRE
DEPT. OF ADMINISTRATIVE SERVICES
DIV. OF PLANT AND PROPERTY MANAGEMENT
BUREAU OF PURCHASE AND PROPERTY
STATE HOUSE ANNEX
CONCORD, NEW HAMPSHIRE 03301

NOTICE OF CONTRACT

DATE: JULY 1, 2014

CONTRACT:	EROSION CONTROL MATERIALS
CONTRACT NO.:	8001543
VENDOR:	A. H. HARRIS & SONS INC 255 WEST ROAD PORTSMOUTH NH 03801 — Vendor #: 174737
CONTACT PERSONS	Michael Griffin
E-mail:	Michael.Griffin@ahharris.com
TELEPHONE #	800-225-3580 or 603-436-3866
FAX. NO.:	603-431-8593
EFFECTIVE FROM:	JULY 1, 2014 Through: JUNE 30, 2017
NIGP CODE:	750 0000
TERMS:	NET 30 DAYS
MINIMUM ORDERS:	NONE
ORDERING PROCEDURE:	Agencies shall, place orders directly with vendor via, fax, on-line or email for all orders. Political sub-divisions and authorized non-profit organizations shall utilize their own individually established ordering procedure.
DELIVERY/SHIPPING:	FOB destination. All deliveries 24-36 hours after receipt of order to a specified delivery point, patrol shed or district office. Agencies will plan and order in advance for ample time to deliver for most deliveries, some emergencies may arise.
DELIVERY LOCATIONS:	The following are the most common State of NH agency locations. The State of NH reserves the right to add locations to this list at the contract prices or to delete locations, as needed. This listing **does not** include any eligible participants. See attached NH District locations below.
ORDERING AUTHORITY:	The vendor and agency will be responsible for establishing proper identification for agency employees authorized to purchase from this contract.
QUESTIONS:	Katie Daley Purchasing Agent (P) 603- 271-3146 (E) Kathleen.Daley@nh.gov

PARTIAL LIST OF ITEMS COMMONLY USED WITH DESCRIPTIONS

EST. ANNUAL QTY	DESCRIPTION	INDICATIVE BRAND / ITEM # / PACKAGING	DELIVERED PRICE PER PKG (This pricing to be listed on contract)	INDVIDUAL DELIVERED UNIT PRICE (for evaluation purposes only)	BIDDERS BRAND / ITEM # / PACKAGING
10,000 FT	A.12" x 10' SEDIMENT LOGS	American Excelsior 042-1012-20B	$24.00/LOG	$2.40 LF	Sediment Logs #042-1012-20B
5,000 SY	B. ITEM 645.21 - SLOPE STABILIZATION (2:1 OR FLATTER)	East Coast Erosion Blankets, LLC ECS-2	$35.00 RL	$0.35 SY	Premier Straw Double Net #074-0103 8x112.5
5000 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00 BX	$0.035 EA	11 ga Metal Staples
1,000 SY	C. ITEM 645.22 - SLOPE STABILIZATION (STEEPER THAN 2:1)	American Excelsior Company Curlex II	$23.40 RL	$0.52 SY	Curlex II #044-1035-73 4x101.25
1,000 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00 BX	$0.035 EA	11 ga Metal Staples
500 SY	D. ITEM 645.23 - CHANNEL STABILIZATION (LOW VELOCITY)	North American Green C125	$23.40 RL	$0.52 SY	Curlex II 044-1035-73 4x101.25
500 SY	E. ITEM 645.24 - CHANNEL STABILIZATION (HIGH VELOCITY)	Western Excelsior Corporation EXCEL CC-4	$55.20 RL	$0.92 SY	Curlex III 045-2135 8x67.5
500 SY	F. ITEM 645.25 - PERMANENT STABILIZATION	North American Green C350	$152.00 RL	$1.90 SY	Recyclex 073-2010 8x90
50 Gal	H. TACKIFIERS	Chemstar StarTak 600	$49.50 BG	$	Chemstar StarTak 600 25 LB Bag
500 SY	J. ITEM 645.41 - TEMPORARY SLOPE STABILIZATION TYPE A	American Excelsior Company AEC Premier Straw Double Net	$35.00 RL	$0.35 SY	Premier Straw Durable Net 074-0103 8x112.5
500 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00 BX	$0.035 EA	11 ga Metal Staples
100 SY	K. ITEM 645.42 - TEMPORARY SLOPE STABILIZATION TYPE B (Wildlife friendly)	Western Excelsior Excel CS-3 **All Natural**	$24.75 RL	$0.55 SY	Curlex I Fibernet 044-1105-73 4x101.25
100 SY	L. ITEM 645.43 - TEMPORARY SLOPE STABILIZATION TYPE C	American Excelsior Company Curlex III or Western Excelsior Excel CC-4	$47.00 RL	$0.47 SY	Premier Straw Coconut 074-0630 8x112.5
100 SY	M. ITEM 645.44 - TEMPORARY SLOPE STABILIZATION TYPE D (Wildlife friendly)	East Coast Erosion Blankets, LLC ECC-2B	$99.00 RL	$0.99 SY	Premier Coconut 074-0770-RT 8x112.5
100 SY	N. ITEM 645.45 - PERMANENT CHANNEL STABILIZATION TYPE A	Propex, Inc. LandLok 300	$105.00 RL	$1.75 SY	Curlex Enforcer 046-2002 8x67.5
100 SY	O. ITEM 645.46 - PERMANENT CHANNEL STABILIZATION TYPE B	North American Green C350	$105.00 RL	$1.75 SY	Curlex Enforcer 046-2002 8x67.5
50,000 SY	P. ITEM 593. ABC 0 GEOTEXTILES	Propex, Inc – Geotex 104 (Woven)	$520.00 RL	$1.30 SY	Mirafi FW700 12x300
"	" "	Propex, Inc – Geotex 601 (Non Woven)	$350.00 RL	$0.70 SY	Mirafi 160 N 15x300
20,000 FT	Q. # J044-C3S-001 UNFILLED SEDIMENT SOC (ORANGE)	Conwed	$42.00 RL	$0.14 LF	Conwed JO44-635-001, 300" per RL
15,000 FT	R. SILT FENCE 3' x100' - 14 POST	AS PER MANUFACTURER	$24.00 RL	$0.24 LF	Indian Valley Silt Fence
1000 EA	S. GRADE STAKES 1"x1"x 4'	AS PER MANUFACTURER	$15.00	$0.60 EA	Cameon Sod

BALANCE OF PRODUCT LINE:

During the term of the contract, the State may purchase other like products from Contractor's "Balance of Product Line". **These shall include only the purchase of other brands or related items.** Indicated below is a partial list of product names and percent off the manufacturer list that will be offered.

PRODUCT NAME/CATEGORY	% OFF MANUFACTURER LIST
Turbidity Curtain 6'x50'	30%
Silt Fence NH DOT Wire Backing	25%
Dirt Bags 15'x15', 10oz	50%
Silt Sacks 2'x2'	20%

DESCRIPTION OF COMMONLY USED ITEMS.

Erosion Control Materials Contract Materials:

Part 1 - Materials As Listed in the NHDOT Standard Specifications

Silt Fence
Compost Sock

Part 2 - Materials As Listed on the NHDOT Qualified Products List

Section 645 – Stabilization Products
Slope Stabilization (2:1 or Flatter)
Slope Stabilization (Steeper than 2:1)
Channel Stabilization (Low Velocity)
Channel Stabilization (High Velocity)
Permanent Stabilization
Tackifiers
Temporary Slope Stabilization Type A
Temporary Slope Stabilization Type B (Wildlife Friendly)
Temporary Slope Stabilization TypeC
Temporary Slope Stabilization Type D (Wildlife Friendly)
Permanent Channel Stabilization Type A
Permanent Channel Stabilization Type B

Section 593 Geotextile Products
Geotextiles

Part 1 – Specification - Materials As Listed in the NHDOT Standard Specifications

Silt Fence – NOTE: Vendors must provide a certificate of compliance documenting compliance with NHDOT Standard Specification 645.2.7. Geotextile filter fabric for silt fence shall be made from polypropylene, polyester, or other approved polymeric chemically stable material and resistant to ultraviolet radiation degradation for at least 12 months. Silt retention capacity shall be no less than 75 percent of silt and suspended solids. The fabric shall meet the following requirements:

Fabric Property	Test Method	Property Requirement *
Grab Tensile Strength (lbs (N))	ASTM D4632	100 (450) Minimum
Grab Tensile Elongation (%)	ASTM D 4632	25 Maximum
Puncture Strength (lbs (N))	ASTM D4833	60 (275) Minimum
Mullen Burst Strength (psi ((k)a))	ASTM D 3786	210 (1500) Minimum
Trapezoid Tear Strength (lbs (N))	ASTM D 4533	60 (275) Minimum

* All properties are minimum or maximum average roll values (i.e. the test results for any sampled roll in a lot shall meet or exceed the minimum values or be less than or meet the maximum value in the table.)

Compost Sock – NOTE: Vendors must provide a certificate of compliance documenting compliance with specification NHDOT Special Provision, Amendment to Section 645, Item 645.512 – Composte Sock for Erosion & Sediment Control.

Compost Sock for Erosion and Sediment Control. Sock must be:

- A mesh tube, oval to round in cross section, may be 6", 8" 10" or 12" (inches) in diameter. The preferred diameter is 8" and 10". The preferred length is 10 feet but 25 feed may be ordered.
- Sock must have a minimum durability of one year after installation.
- Composed of natural biodegradable materials to avoid problems with the sock trapping endangered snakes or lizards.
- Composed of biodegradable jute, sisal, burlap, or coir fiber fabric. Fabric must be clean, evenly woven, and free of encrusted concrete or other contaminating materials and free from cuts, tears, broken or missing yarns and thin, open, or weak places.

Sock Compost.

- Compost may be derived from green material consisting of chipped, shredded, or ground vegetation; or clean recycled wood products.
- Compost must not be derived from mixed municipal solid waste and be reasonably free of visible contaminates. Compost must not contain paint, petroleum products, pesticides or any other chemical residues harmful to animal life or plant growth. Compost must not possess objectionable odors.

Chemical, Physical and Biological Parameters

- Compost products specified for use in this application must meet the criteria specified AASHTO Specification MP 9-03, and as excerpted in Table 1, below.
- Only compost products that meet all applicable state and federal regulations pertaining to its production and distribution may be used in this application. Approved compost products must meet related state and federal chemical contaminant (e.g., heavy metals, pesticides, etc.) and pathogen limits pertaining to the feedstocks (source materials) in which it is derived.

Table 1 – Compost Media Parameters

meters	Reported as (units of measure)	Characteristics
pH2	pH units	5.0 - 8.5
Soluble Salt Concentration2 (electrical conductivity)	dS/m (mmhos/cm)	Maximum 5
Moisture Content	%, wet weight basis	30 – 60
Organic Matter Content	%, dry weight basis	25 – 65
Particle Size	% passing a selected mesh size, dry weight basis	3" (75 mm), 100% passing 1" (25mm), 90% to 100% passing 3/4" (19mm), 70% to 100% passing 1/4" (6.4mm), 30% to 75% passing Maximum: particle size length of 6" (152mm) (no more than 60% passing 1/4" (6.4 mm) in high rainfall/flow rate situations)
Stability3 Carbon Dioxide Evolution Rate	mg CO2-C per g OM per day	< 8
Physical Contaminants (man-made inerts)	%, dry weight basis	< 1

Note: Very coarse (woody) composts that contain less than 30% of fine particles (1mm in size) shall be avoided, as optimum reductions in total suspended solids (TSS) is desired and berms may be seeded.

Method of Measurement

Compost sock for erosion and sediment control will be paid for by the linear foot (linear meter) to the nearest 1 foot (one-half meter). Measurement will be along the top of each continuous run complete in place.

Part 2 - Materials As Listed on the NHDOT Qualified Products List

B. ITEM 645.21 - SLOPE STABILIZATION (2:1 OR FLATTER)

Manufacturer: Product:
For specific product information, contact the Roadside Development Section, Bureau of Highway Design, 271-6476.
East Coast Erosion Blankets, LLC ECS-2
North American Green S150
Western Excelsior Corporation EXCEL SS-2
Western Excelsior Corporation EXCEL SS-2 All Natural

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at least 10 working days prior to actual delivery & installation on the project.

C. ITEM 645.22 - SLOPE STABILIZATION (STEEPER THAN 2:1)
Manufacturer: Product:
These products are qualified for slopes that are 1½ :1 or less and may also be used for Item 645.21.
American Excelsior Company Curlex II
American Excelsior Company Curlex III
East Coast Erosion Blankets, LLC ECSC-2
North American Green C125
North American Green C125BN
North American Green SC150
North American Green SC150BN
Propex, Inc. Landlok C2
Propex, Inc. Landlok CS2
Western Excelsior Corporation EXCEL CC-4
Western Excelsior Corporation EXCEL CC-4 All Natural
Western Excelsior Corporation EXCEL CS-3
Western Excelsior Corporation EXCEL CS-3 All Natural

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at least 10 working days prior to actual delivery & installation on the project.

D. ITEM 645.23 - CHANNEL STABILIZATION (LOW VELOCITY)
Manufacturer: Product:
For specific product information, contact the Roadside Development Section, Bureau of Highway Design, 271-6476.
American Excelsior Company Curlex II
North American Green C125
North American Green SC150
North American Green SC150BN
Propex, Inc. Landlok C2
Western Excelsior Corporation EXCEL CS-3
Western Excelsior Corporation EXCEL CS-3 All Natural

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at lea st 10 working days prior to actual delivery & installation on the project.

E. ITEM 645.24 - CHANNEL STABILIZATION (HIGH VELOCITY)
Manufacturer: Product:
Note: Products in this category are also acceptable for use under Item 645.23
For specific product information, contact the Roadside Development Section, Bureau of Highway Design, 271-6476.
American Excelsior Company Curlex III
North American Green C125BN
Western Excelsior Corporation EXCEL CC-4

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at least 10 working days prior to actual delivery & installation on the project.

F. ITEM 645.25 - PERMANENT STABILIZATION
Manufacturer: Product:
For specific product information, contact the Roadside Development Section, Bureau of Highway Design, 271-6476.
North American Green C350
North American Green P300
Propex, Inc. Landlok TRM 435
Propex, Inc. Landlok TRM 450
Propex, Inc. Pyramat
Western Excelsior Corporation EXCEL PP5-10
Western Excelsior Corporation EXCEL PP5-12

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at least 10 working days prior to actual delivery & installation on the project.

G. Not currently used

H. TACKIFIERS
Manufacturer: Product:
For specific product information, contact the Roadside Development Section, Bureau of Highway Design, 271-6476.
CHEMSTAR StarTak 100
CHEMSTAR StarTak 600
Eastern Products, Inc. Ecotak OP
Eastern Products, Inc. Ecotak Sat

Qualified products shall be used in accordance with the manufacturer's specified conditions & installed as directed by the manufacturer.

These conditions & installation instructions shall be furnished to the Engineer at least 10 working days prior to actual delivery & installation on the project.

I. Not currently used.

J. ITEM 645.41 - TEMPORARY SLOPE STABILIZATION TYPE A
Manufacturer: Product:
American Excelsior Company AEC Premier Straw Double Net
American Excelsior Company AEC Premier Straw Single Net
American Excelsior Company Curlex II
American Excelsior Company Curlex II .98
East Coast Erosion Blankets ECS-2
North American Green S150
Propex, Inc. Landlok CS2
Western Excelsior Excel CS-3
Western Excelsior Excel SS-2
Western Excelsior Corporation EXCEL SR-1

K. ITEM 645.42 - TEMPORARY SLOPE STABILIZATION TYPE B (Wildlife friendly)
Manufacturer: Product:
These products may also be used for Item 645.41
American Excelsior Company Curlex I FibreNet
East Coast Erosion Blankets, LLC ECS-2B
Erosion Control Blanket S32 BD
North American Green S150BN
Western Excelsior Excel CS-3 All Natural
Western Excelsior Excel S-2 All Natural
Western Excelsior Excel SS-2 All Natural

L. ITEM 645.43 - TEMPORARY SLOPE STABILIZATION TYPE C
Manufacturer: Product:
These products may also be used for Item 645.41
American Excelsior Company AEC Premier Coconut
American Excelsior Company AEC Premier Straw/Coconut
American Excelsior Company Curlex High Velocity
American Excelsior Company Curlex III
East Coast Erosion Blankets, LLC ECC-2
Erosion Control Blanket C32
Erosion Control Blanket SC32
North American Green C125
North American Green SC150
Propex, Inc. Landlok C2
Western Excelsior Excel CC-4
Western Excelsior Excel S-2
Western Excelsior Excel SD-3

M. ITEM 645.44 - TEMPORARY SLOPE STABILIZATION TYPE D (Wildlife friendly)
Manufacturer: Product:
These products may also be used for Item 645.43
American Excelsior Company AEC Premier Coconut FibreNet
American Excelsior Company AEC Premier Straw/Coconut FibreNet
American Excelsior Company Curlex III FibreNet
East Coast Erosion Blankets, LLC ECC-2B
East Coast Erosion Blankets, LLC ECSC-2B
Erosion Control Blanket C32BD
Erosion Control Blanket SC32 BD
North American Green C125BN
North American Green SC150BN
Western Excelsior Excel CC-4 All Natural

N. ITEM 645.45 - PERMANENT CHANNEL STABILIZATION TYPE A
Manufacturer: Product:
American Excelsior Company Curlex Enforcer
East Coast Erosion Blankets, LLC ECC-3
North American Green P300
North American Green P550
Propex, Inc. LandLok 300
Propex, Inc. Landlok TRM 450
Propex, Inc. Pyramat

O. ITEM 645.46 - PERMANENT CHANNEL STABILIZATION TYPE B
Manufacturer: Product:
These products may also be used for Item 645.45
North American Green C350

SECTION 593 – GEOTEXTILES

General
Geotextile shall be a product tested under the AASHTO National Transportation Product Evaluation Program (NTPEP) and included on the Qualified Products List for the Application, Strength Class, and Structure Specified.

- All Geotextile properties referenced in the specifications with the exception of Apparent Opening Size (AOS), shall be considered minimum average roll values in the weaker principal direction (i.e., the average test results for any sampled roll in a lot shall meet or exceed the minimum values specified). Values for AOS shall represent maximum average roll values.
- Fibers used in the manufacture of geotextiles, and threads used in joining geotextiles by sewing, shall meet the requirements of Section 3.1 and Section A1.4.1 of AASHTO M 288.
- Geotextile shall exhibit an ultraviolet stability (retained strength) of at least 50% after 500 hours of exposure, measured in accordance with ASTM D4355.

Strength Class
Following are basic Strength Classes of Geotextile included under this specification:

- Class1, Class 2, and Class 3. Geotextile specified as Class 1 (high strength), Class 2 (medium strength), or Class 3 (low strength) shall meet the applicable requirements of AASHTO M 288, Table 1, including sewn seam strength when sewn seams are used. A higher strength geotextile may be substituted for a lower strength geotextile provided all other specification requirements are met.
- Class 0. Geotextile specified as Class 0 (extra high strength) shall meet the following minimum requirements:

Geotextile Property	Test Method	Property Requirement [lb. (N)]
Grab Tensile Strength	ASTM D 4632	375 (1670)
Sewn Seam Strength	ASTM D 4632	335 (1500)
Tear Strength	ASTM D 4533	135 (600)
Puncture Strength	ASTM D 4833 or	225 (1000)
	ASTM D 6241	1257 (5500)

Permittivity and Apparent Opening Size (AOS)
Geo textile shall meet the following requirements for permittivity and Apparent Opening Size (AOS)

Application	Required Geotextile Property	
	Permittivity Per ASTM D 4491	Apparent Opening Size (AOS) Per ASTM D 4751
	(Sec $^{-1}$)	(mm)
1 - Subsurface Drainage	0.70 min.	0.22 max.
2 - Separation	0.05 min.	0.45 max.

3 – Stabilization	0.05 min.	0.42 max
4 – Permanent Erosion Control	0.70 min.	0.22 max.

Each Roll shall be clearly labeled so as to easily identify the product in the field. The label shall include as a minimum the manufacturer's name, product name and number.

Staples or Pins
Staples or pins required to hold the geotextile prior to placing overlying materials shall be those prescribed by the geotextile manufacturer.

Silt Fence
10 Foot Lengths
Compost Sock 6" Diameter (optional)
Compost Sock 8" Diameter
Compost Sock 10" Diameter
Compost Sock 12" Diameter (optional)
25 Foot Lengths
Compost Sock 6" Diameter (optional)
Compost Sock 8" Diameter
Compost Sock 10" Diameter
Compost Sock 12" Diameter (optional)

B. ITEM 645.21 - SLOPE STABILIZATION (2:1 OR FLATTER)
East Coast Erosion Blankets, LLC ECS-2
North American Green S150
Western Excelsior Corporation EXCEL SS-2
Western Excelsior Corporation EXCEL SS-2 All Natural
STAPLES AND/OR PINS RECOMMENDED BY MANUFACTURER
STAPLES AND/OR PINS RECOMMENDED BY MANUFACTURER

C. ITEM 645.22 - SLOPE STABILIZATION (STEEPER THAN 2:1)
American Excelsior Company Curlex II
American Excelsior Company Curlex III
East Coast Erosion Blankets, LLC ECSC-2
North American Green C125
North American Green C125BN
North American Green SC150
North American Green SC150BN
Propex, Inc. Landlok C2
Propex, Inc. Landlok CS2
Western Excelsior Corporation EXCEL CC-4
Western Excelsior Corporation EXCEL CC-4 All Natural
Western Excelsior Corporation EXCEL CS-3
Western Excelsior Corporation EXCEL CS-3 All Natural
STAPLES AND/OR PINS RECOMMENDED BY MANUFACTURER
STAPLES AND/OR PINS RECOMMENDED BY MANUFACTURER

D. ITEM 645.23 - CHANNEL STABILIZATION (LOW VELOCITY)
American Excelsior Company Curlex II
North American Green C125
North American Green SC150
North American Green SC150BN
Propex, Inc. Landlok C2
Western Excelsior Corporation EXCEL CS-3
Western Excelsior Corporation EXCEL CS-3 All Natural

E. ITEM 645.24 - CHANNEL STABILIZATION (HIGH VELOCITY)
American Excelsior Company Curlex III
North American Green C125BN
Western Excelsior Corporation EXCEL CC-4

F. ITEM 645.25 - PERMANENT STABILIZATION
North American Green C350
North American Green P300
Propex, Inc. Landlok TRM 435
Propex, Inc. Landlok TRM 450
Propex, Inc. Pyramat
Western Excelsior Corporation EXCEL PP5-10
Western Excelsior Corporation EXCEL PP5-12

H. TACKIFIERS
CHEMSTAR StarTak 100
CHEMSTAR StarTak 600
Eastern Products, Inc. Ecotak OP
Eastern Products, Inc. Ecotak Sat

J. ITEM 645.41 - TEMPORARY SLOPE STABILIZATION TYPE A
American Excelsior Company AEC Premier Straw Double Net
American Excelsior Company AEC Premier Straw Single Net
American Excelsior Company Curlex II
American Excelsior Company Curlex II .98
East Coast Erosion Blankets ECS-2
North American Green S150
Propex, Inc. Landlok CS2
Western Excelsior Excel CS-3
Western Excelsior Excel SS-2
Western Excelsior Corporation EXCEL SR-1
STAPLES RECOMMENDED BY MANUFACTURER
STAPLES RECOMMENDED BY MANUFACTURER

K. ITEM 645.42 - TEMPORARY SLOPE STABILIZATION TYPE B (Wildlife friendly)
American Excelsior Company Curlex I FibreNet
East Coast Erosion Blankets, LLC ECS-2B
Erosion Control Blanket S32 BD
North American Green S150BN
Western Excelsior Excel CS-3 All Natural
Western Excelsior Excel S-2 All Natural
Western Excelsior Excel SS-2 All Natural

L. ITEM 645.43 - TEMPORARY SLOPE STABILIZATION TYPE C
American Excelsior Company AEC Premier Coconut
American Excelsior Company AEC Premier Straw/Coconut
American Excelsior Company Curlex High Velocity
American Excelsior Company Curlex III
East Coast Erosion Blankets, LLC ECC-2
Erosion Control Blanket C32
Erosion Control Blanket SC32
North American Green C125
North American Green SC150
Propex, Inc. Landlok C2
Western Excelsior Excel CC-4
Western Excelsior Excel S-2
Western Excelsior Excel SD-3

M. ITEM 645.44 - TEMPORARY SLOPE STABILIZATION TYPE D (Wildlife friendly)
American Excelsior Company AEC Premier Coconut FibreNet
American Excelsior Company AEC Premier Straw/Coconut FibreNet
American Excelsior Company Curlex III FibreNet
East Coast Erosion Blankets, LLC ECC-2B
East Coast Erosion Blankets, LLC ECSC-2B
Erosion Control Blanket C32BD
Erosion Control Blanket SC32 BD
North American Green C125BN
North American Green SC150BN
Western Excelsior Excel CC-4 All Natural

N. ITEM 645.45 - PERMANENT CHANNEL STABILIZATION TYPE A
American Excelsior Company Curlex Enforcer
East Coast Erosion Blankets, LLC ECC-3
North American Green P300
North American Green P550
Propex, Inc. LandLok 300
Propex, Inc. Landlok TRM 450
Propex, Inc. Pyramat

O. ITEM 645.46 - PERMANENT CHANNEL STABILIZATION TYPE B
North American Green C350

A. Item 593. ABC 0 GEOTEXTILES
Belton Industries, Inc – Beltech 315, Style 997
Thrace-LINQ Inc. – 160EX
Thrace-LINQ Inc. – 180 EX
Propex, Inc. – Geotex 250ST
Propex, Inc – Geotex 104
Propex, Inc – Geotex 501
Propex, Inc – Geotex 601
Propex, Inc – Geotex 701
Propex, Inc – Geotex 1701
Propex, Inc – Geotex 801
Propex, Inc – Manufacturer Recommended Staples or Pins

Skaps Industries – GT 142
Skaps Industries – GT 160
Skaps Industries – GT 170
Skaps Industries – GT 180
Skaps Industries – Manufacturer Recommended Staples or Pins

Ten Cate Geosynthetics – Mirafi 600X
Ten Cate Geosynthetics – Mirafi 500X
Ten Cate Geosynthetics – Mirafi 180N
Ten Cate Geosynthetics – Mirafi 550N
Ten Cate Geosynthetics – Mirafi FW404
Ten Cate Geosynthetics – Mirafi 160N
Ten Cate Geosynthetics – Mirafi 140N
Ten Cate Geosynthetics – Manufacturer Recommended Staples or Pins

Hanes Geo Components – Terratex GS-250
Hanes Geo Components – Terratex N07
Hanes Geo Components – Terratex N08
Hanes Geo Components – Manufacturer Recommended Staples or Pins

Willacoochee Industrial Fabrics – 200W

Willacoochee Industrial Fabrics – 315W
Willacoochee Industrial Fabrics – 2199
Willacoochee Industrial Fabrics – Manufacturer Recommended Staples or Pins

Daley, Kathleen

From: Curran Paolucci [curran.paolucci@ahharris.com]
Sent: Thursday, June 12, 2014 9:28 AM
To: PRCHWEB
Subject: (Revised) Bid 1624-14
Attachments: 201406120922.pdf

Please confirm receipt. This is a revised copy, we found an error in one of our prices and have gone ahead and corrected it. Please throw other away, Thanks

Curran Paolucci
A. H. Harris & Sons
Branch Manager
Notary Public
255 West Rd.
Portsmouth, NH 03801
P. 603-436-3833 F. 603-431-8593
curran.paolucci@ahharris.com

State of New Hampshire
Division of Plant and Property Management
Bureau of Purchase and Property
25 Capitol Street, State House Annex
Concord, NH 03301-6398

Date:	5/30/14
Bid No.:	1624-14
Date of Bid Opening:	6/12/14
Time of Bid Opening:	2:00 PM(EST)

YOU MAY EMAIL YOUR BID TO KATIE DALEY AT: EMAIL PRCHWEB@NH.GOV

BID INVITATION FOR CONTRACT: EROSION CONTROL MATERIALS

[Insert name of signor] Michael J. Griffin, on behalf of A.H. Harris & Sons Inc [insert name of entity submitting bid (collectively referred to as "Vendor") hereby submits an offer as contained in the written bid submitted herewith ("Bid") to the State of New Hampshire in response to **BID #1624-14** at the price(s) quoted herein in complete accordance with the bid.

Vendor attests to the fact that:

1. The Vendor has reviewed and agreed to be bound by the Bid.
2. The Vendor has not altered any of the language or other provisions contained in the Bid document.
3. The Bid is effective for a period of 180 days from the Bid Opening date as indicated above.
4. The prices Vendor has quoted in the Bid were established without collusion with other vendors.
5. The Vendor has read and fully understands this Bid.
6. Further, in accordance with RSA 21-I:11-c, the undersigned Vendor certifies that neither the Vendor nor any of its subsidiaries, affiliates or principal officers (principal officers refers to individuals with management responsibility for the entity or association):
   a. Has, within the past 2 years, been convicted of, or pleaded guilty to, a violation of RSA 356:2, RSA 356:4, or any state or federal law or county or municipal ordinance prohibiting specified bidding practices, or involving antitrust violations, which has not been annulled;
   b. Has been prohibited, either permanently or temporarily, from participating in any public works project pursuant to RSA 638:20;
   c. Has previously provided false, deceptive, or fraudulent information on a vendor code number application form, or any other document submitted to the state of New Hampshire, which information was not corrected as of the time of the filing a bid, proposal, or quotation;
   d. Is currently debarred from performing work on any project of the federal government or the government of any state;
   e. Has, within the past 2 years, failed to cure a default on any contract with the federal government or the government of any state;
   f. Is presently subject to any order of the department of labor, the department of employment security, or any other state department, agency, board, or commission, finding that the applicant is not in compliance with the requirements of the laws or rules that the department, agency, board, or commission is charged with implementing;
   g. Is presently subject to any sanction or penalty finally issued by the department of labor, the department of employment security, or any other state department, agency, board, or commission, which sanction or penalty has not been fully discharged or fulfilled;
   h. Is currently serving a sentence or is subject to a continuing or unfulfilled penalty for any crime or violation noted in this section;
   i. Has failed or neglected to advise the division of any conviction, plea of guilty, or finding relative to any crime or violation noted in this section, or of any debarment, within 30 days of such conviction, plea, finding, or debarment; or
   j. Has been placed on the debarred parties list described in RSA 21-I:11-c within the past year.

This document must be signed by a person who is authorized to legally obligate the responding vendor. A signature on this document indicates that all State of New Hampshire terms and conditions are accepted by the responding vendor and that any and all other terms and conditions submitted by the responding vendor are null and void, even if such terms and conditions have terminology to the contrary. The responding vendor shall also be subject to State of New Hampshire terms and conditions as stated on the reverse of the purchase order.

Authorized Signor's Signature Michael J. Griffin **Authorized Signor's Title** Regional Vice President

NOTARY PUBLIC/JUSTICE OF THE PEACE

COUNTY: ROCKINGHAM **STATE:** NH **ZIP:** 03801

On the 11TH **day of** JUNE, 2014, **personally appeared before me, the above named** MICHAEL GRIFFIN, **in his/her capacity as authorized representative of** A.H. HARRIS, **known to me or satisfactorily proven, and took oath that the foregoing is true and accurate to the best of his/her knowledge and belief.**

In witness thereof, I hereunto set my hand and official seal.

Curran Paolucci

(Notary Public/Justice of the Peace)

CURRAN PAOLUCCI, Notary Public
My Commission Expires May 1, 2018

My commission expires: 5/1/18 **(Date)**

Form P31-B

Unless specifically amended or deleted by the Division of Plant and Property Management, the following General Terms and Conditions apply to this Bid and any resulting Purchase Order or Contract.

INVOICING:
Invoicing shall be done to the Agency Remit Account on the basis of each order completed. Invoices shall clearly indicate the quantity, description, packaging, date delivered, and contract price. Invoicing for eligible participants will be in accordance with their individual requirements.

WARRANTY REQUIREMENTS:
Successful Vendor shall be required to warranty all of the equipment awarded to Vendor for a period of not less than the manufacturer's standard period of time, from the date the items are received, inspected and accepted by the State of New Hampshire. The warranty shall cover 100% of all parts, shipping, labor, travel, lodging and expenses.

CONTRACT AWARD:
The award shall be made to the responsible Vendor(s) meeting the criteria established in this RFB and providing the lowest cost in total. The State reserves the right to reject any or all bids or any part thereof and add/delete locations to the contract price. If an award is made it shall be, in the form of a State of New Hampshire Contract (s).

Successful Vendor will not be allowed to require any other type of order, nor will the successful Vendor be allowed to require the filling out or signing of any other document by State of New Hampshire personnel.

SPECIFICATION COMPLIANCE:
Vendor's offer must meet or exceed the required specifications as written. The State of New Hampshire shall be the sole determining factor of what meets or exceeds the required specifications.

Unless otherwise specified by the Bureau of Purchase and Property in this bid invitation document, all equipment offered by the Vendor must be new; shall not be used, rebuilt, refurbished; shall not have been used as demonstration equipment, and shall not have been placed anywhere for evaluation purposes.

MINIMUM ORDERS:
There will be no minimum order whether in item quantity or dollar value associated with any contract resulting from this bid.

OFFER:
Vendor hereby offers to furnish to State of New Hampshire agencies and institutions and to any political sub-division and authorized non-profit organization wishing to participate, in accordance with all of the requirements of this bid invitation at the following prices for the entire contract term and any extension.

EST. ANNUAL QTY	DESCRIPTION	INDICATIVE BRAND / ITEM # / PACKAGING	DELIVERED PRICE PER PKG (This pricing to be listed on contract)	INDVIDUAL DELIVERED UNIT PRICE (for evaluation purposes only)	BIDDERS BRAND / ITEM # / PACKAGING
10,000 FT	A.12" x 10' SEDIMENT LOGS	American Excelsior 042-1012-20B	$24/LOG	$2.40/LF	SEDIMENT LOGS #042-1012-20B
5,000 SY	B. ITEM 645.21 - SLOPE STABILIZATION (2:1 OR FLATTER)	East Coast Erosion Blankets, LLC ECS-2	$35.00/RL	$0.35/SY	PREMIER STRAW DOUBLE NET 074.0103, 8' X 112.5'
5000 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00/BX	$0.035/EA	11ga. Metal Staples
1,000 SY	C. ITEM 645.22 - SLOPE STABILIZATION (STEEPER THAN 2:1)	American Excelsior Company Curlex II	$23.40/RL	$0.52/SY	CURLEX II 044.1035.73, 4' X 101.25'
1,000 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00/BX	$0.035/EA	11ga. Metal Staples
500 SY	D. ITEM 645.23 - CHANNEL STABILIZATION (LOW VELOCITY)	North American Green C125	$23.40/RL	$0.52/SY	CURLEX II 044.1035.73 4' X 101.25'
500 SY	E. ITEM 645.24 - CHANNEL STABILIZATION (HIGH VELOCITY)	Western Excelsior Corporation EXCEL CC-4	$55.20/RL	$0.92/SY	CURLEX III 045.2135 8' X 67.5'
500 SY	F. ITEM 645.25 - PERMANENT STABILIZATION	North American Green C350	$152.00/RL	$1.90/SY	RECYLLEX 073.2010 8' X 90'
50 Gal	H. TACKIFIERS	Chemstar StarTak 600	$49.50/BG	$	CHEMSTAR STAR TAK 600 25lb. BAG

500 SY	J. ITEM 645.41 - TEMPORARY SLOPE STABILIZATION TYPE A	American Excelsior Company AEC Premier Straw Double Net	$35.00/RL	$0.35/SY	PREMIER STRAW DOUBLE NET 074.0103 8'X112.5'
500 EA	STAPLES AND/OR PINS	AS PER MANUFACTURER	$35.00/BX	$0.035	11ga. Metal Staples
100 SY	K. ITEM 645.42 - TEMPORARY SLOPE STABILIZATION TYPE B (Wildlife friendly)	Western Excelsior Excel CS-3 **All Natural**	$24.75/RL	$0.55/SY	CURLEX I FIBRENET 044.1105.73 4'X101.25'
100 SY	L. ITEM 645.43 - TEMPORARY SLOPE STABILIZATION TYPE C	American Excelsior Company Curlex III or Western Excelsior Excel CC-4	$47.00/RL	$0.47/SY	PREMIER STRAW/COCONUT 074.0630 8'X112.5'
100 SY	M. ITEM 645.44 - TEMPORARY SLOPE STABILIZATION TYPE D (Wildlife friendly)	East Coast Erosion Blankets, LLC ECC-2B	$99/RL	$0.99/SY	PREMIER COCONUT 074.0770.RT 8'X112.5'
100 SY	N. ITEM 645.45 - PERMANENT CHANNEL STABILIZATION TYPE A	Propex, Inc. LandLok 300	$105.00/RL	$1.75/SY	CURLEX ENFORCER 046.2002 8'X67.5'
100 SY	O. ITEM 645.46 - PERMANENT CHANNEL STABILIZATION TYPE B	North American Green C350	$105.00/RL	$1.75/SY	CURLEX ENFORCER 046.2002 8'X67.5'
50,000 SY	P. ITEM 593. ABC 0 GEOTEXTILES	Propex, Inc – Geotex 104 (Woven)	$520/RL	$1.30/SY	MIRAFI FW700 12' X 300'
"	" "	Propex, Inc – Geotex 601 (Non Woven)	$350.00/RL	$0.70/SY	MIRAFI 160N 15' X 300'
20,000 FT	Q. # J044-C3S-001 UNFILLED SEDIMENT SOC (ORANGE)	Conwed	$42.00/RL	$0.14/LF	CONWED J044-C3S-001 300' PER ROLL
15,000 FT	R. SILT FENCE 3' x100' - 14 POST	AS PER MANUFACTURER	$24.00/RL	$0.24/LF	INDIAN VALLEY NHDOT SILT FENCE
1000 EA	S. GRADE STAKES 1"x1"x 4'	AS PER MANUFACTURER	$15.00/Bndl	$0.60/EA	CAMERON SOD
			TOTAL:	$1834.25	TOTAL UNIT DELIVERED PRICE

VENDOR'S BALANCE OF PRODUCT LINE ITEMS

The items in each category include the items most commonly purchased by State of New Hampshire agencies, and will be used for award purposes. During the term of contract, the state may purchase other items in relation to the bid description from the successful Vendor's Balance of Product Line. All items ordered will include all shipping/charges as specified above in "Bid Prices". Please indicate the product names and percent off the manufacturer list that will be offered for the "Balance of Product Line" items.

PRODUCT NAME/CATEGORY	% OFF MANUFACTURER LIST
TURBIDITY CURTAIN 6'X50'	30 %
SILT FENCE NHDOT WIRE BACKING	25 %
DIRT BAGS 15'X15' 10oz	50 %
SILT SACKS 2'X2'	20 %
	%
	%
	%

DELIVERY LOCATIONS:

The following are the current State of New Hampshire agency/institution locations which, if you are awarded a contract, you are expected to service. The State of New Hampshire reserves the right to add locations to this list at the contract prices or to delete locations, as needed. This listing **does not** include any eligible participants.

'SHIP TO' AND 'BILL TO' LOCATIONS FOR NHDOT

DISTRICT	DELIVERY LOCATION / CONTACT PERSON	TELEPHONE
District 1 (M100)	**Bill To & Ship To:** Brian Schutt, District One Engineer District 1 Office 641 Main Street Lancaster NH 03584	603-788-4641
District 2 (M200)	**Bill To & Ship To:** Alan G. Hanscom, District Two Engineer Exit 16, I-89, 8 Eastman Hill Road Enfield, NH 03748	603-448-2654
District 3 (M300)	**Bill to:** Mark Morrill, District Three Engineer 2 Sawmill Road, Gilford NH 03249 **Deliver to:** Roy Mardin, Warehouse Supervisor District Three Patrol Shed Warehouse 310 710 Whittier Highway (Route 25) Moultonborough NH 03254	603/524-6667 603-419-0180
District 4 (M400)	**Bill To & Ship To:** Douglas Graham, District Four Engineer District 4 Office 19 Base Hill Road Swanzey, NH 03446-3401	603-352-2302
District 5 (M500)	**Bill To:** Dave Rodrigue, District Five Engineer 16 East Point Drive Bedford NH 03110 **Ship To:** District Five Patrol Shed 505 670 Route 3A Bow, NH 03304	603-666-3336
District 6 (M600)	**Bill To & Ship To:** Douglas DePorter, District Six Engineer 271 Main Street/PO Box 720 Durham, NH 03824	603-868-1133
	Bill To: NH DOT - Bridge Maintenance PO Box 483 Concord NH 03302-0483 **Ship To:** NH DOT - Bridge Maintenance 13 Range Road Franklin NH 03235	603-271-3667
	Bill To: NH DOT Bureau of Turnpikes Attention: Dix Bailey PO Box 2950 Concord NH 03302-2950 **Ship To:** NH DOT Bureau of Turnpikes Attention: Dix Bailey 36 Hackett Hill Road Hooksett NH 03106	603-485-3806

AND other locations as needed for entire State of New Hampshire.

VENDOR CONTACT INFORMATION:

The following information is for this office to be able to contact a person knowledgeable of your bid response, and who can answer questions regarding it:

MICHAEL GRIFFIN
Contact Person

603-436-3823
Local Telephone Number

800-225-3580
Toll Free Telephone Number

603-431-8593
Fax Number

MICHAEL.GRIFFIN@AHHARRIS.COM
E-mail Address

WWW.AHHARRIS.COM
Company Website

A. H. HARRIS & SONS
Vendor Company Name

01872818
DUNS #

Note: To be considered, bid must be signed and notarized on front cover sheet in the space provided.

FOR INFORMATIONAL PURPOSES ONLY AND MOST COMMONLY USED ITEMS:

Erosion Control Materials Contract
Materials:

Part 1 - Materials As Listed in the NHDOT Standard Specifications

Silt Fence
Compost Sock

Part 2 - Materials As Listed on the NHDOT Qualified Products List

Section 645 – Stabilization Products
Slope Stabilization (2:1 or Flatter)
Slope Stabilization (Steeper than 2:1)
Channel Stabilization (Low Velocity)
Channel Stabilization (High Velocity)
Permanent Stabilization
Tackifiers
Temporary Slope Stabilization Type A
Temporary Slope Stabilization Type B (Wildlife Friendly)
Temporary Slope Stabilization TypeC
Temporary Slope Stabilization Type D (Wildlife Friendly)
Permanent Channel Stabilization Type A
Permanent Channel Stabilization Type B

Section 593 Geotextile Products
Geotextiles

Part 1 – Specification - Materials As Listed in the NHDOT Standard Specifications

Silt Fence – NOTE: Vendors must provide a certificate of compliance documenting compliance with NHDOT Standard Specification 645.2.7. Geotextile filter fabric for silt fence shall be made from polypropylene, polyester, or other approved polymeric chemically stable material and resistant to ultraviolet radiation degradation for at least 12 months. Silt retention capacity shall be no less than 75 percent of silt and suspended solids. The fabric shall meet the following requirements:

Fabric Property	Test Method	Property Requirement *
Grab Tensile Strength (lbs (N))	ASTM D4632	100 (450) Minimum
Grab Tensile Elongation (%)	ASTM D 4632	25 Maximum
Puncture Strength (lbs (N))	ASTM D4833	60 (275) Minimum
Mullen Burst Strength (psi ((k)a))	ASTM D 3786	210 (1500) Minimum
Trapezoid Tear Strength (lbs (N))	ASTM D 4533	60 (275) Minimum

* All properties are minimum or maximum average roll values (i.e. the test results for any sampled roll in a lot shall meet or exceed the minimum values or be less than or meet the maximum value in the table.)

Compost Sock – NOTE: Vendors must provide a certificate of compliance documenting compliance with specification NHDOT Special Provision, Amendment to Section 645, Item 645.512 – Composte Sock for Erosion & Sediment Control.

Compost Sock for Erosion and Sediment Control. Sock must be: