

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

DATE: MARCH 10, 2016

NOTICE OF CONTRACT
REVISED

CONTRACT: EROSION CONTROL MATERIALS

CONTRACT NO.: 8001543

NIGP CODE: 750 0000

VENDOR: A. H. HARRIS & SONS INC Vendor #: 174737
255 WEST ROAD
PORTSMOUTH NH 03801

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

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: Robert Lawson, Purchasing Agent
(603) 271-3147 or Robert.Lawson@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)	INDIVIDUAL 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 Type C**
- 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 contaminants. 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

Parameters	Reported as (units of measure)	Characteristics
pH ²	pH units	5.0 - 8.5
Soluble Salt Concentration ² (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)
Stability ³ Carbon Dioxide Evolution Rate	mg CO ₂ -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 least 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:

- Class 1, 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 ASTM D 6241	225 (1000) 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 (Sec ⁻¹)	Apparent Opening Size (AOS) Per ASTM D 4751 (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