

COUNTY OF ROCKLAND  
Department of General Services  
**Purchasing Division**

# Contract Award Notification

**Title:** Conveyor Replacement Parts for Serpentix Conveyors

**Contract Period:** April 28, 2022 through April 27, 2023 w/ 4 1-year options  
Extended through April 27, 2024, w/ (3) 1-year options  
**Extended through April 27, 2025, w/ (2) 1-year options**

**Original Date of Issue:** April 27, 2022

**Date of Revision:** January 03, 2024

**BID No:** RFB-RC-2022-045

**Catalog:** Wastewater Treatment

**Authorized Users:** County Agencies, all Political Subdivisions

Address Inquiries To:

**Name:** Michele Phillips  
**Title:** Purchaser I  
**Phone:** 845-364-2984  
**Fax:** 845-364-3809  
**E-mail:** phillipm@co.rockland.ny.us

**Description**

This contract is to provide various conveyor replacement parts for Serpentis conveyors

Contract #	Vendor Number	Contractor & Address	Telephone No.
BID 22-045	000009407	Serpentix Conveyor Corp. 11821 Huron Street Westminster, CO 80234 Contact: Robert Nusz <a href="mailto:rob@serpentix.com">rob@serpentix.com</a> <a href="mailto:jeff@serpentix.com">jeff@serpentix.com</a> <a href="mailto:erik@serpentix.com">erik@serpentix.com</a> <a href="mailto:sales@serpentix.com">sales@serpentix.com</a>	303-430-8427/ 303-446-7974 (Erik)  <b>FAX:</b> 303-430-7337

COUNTY OF ROCKLAND  
DGS – PURCHASING DEPARTMENT  
BLDG. A, 6TH FLOOR, 50 SANATORIUM ROAD  
POMONA, NY 10970  
TELEPHONE NO.: 845-364-3820  
FAX NO.: 845-364-3809

VENDOR: Serpentix Conveyer

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	EXTENDED PRICE	MANUFACTURER & PRODUCT CODE
<b>SECTION 1</b>							
#0-1	<b>Chain, 14mm x 100mm pitch, case hardened alloy steel, minimum breaking strength of 35,000 pounds for Serpentix Pathwinder conveyor, Chain part # H0150004A Rev E or approved equal Sold by the Link, Link = 4” long</b>	56021000001	990	LINK	\$74.79	\$74,042.10	Serpentix H01050004A RevE
#0-2	<b>Chain splice assembly: Includes chain splice, split guide blocks (2) and split chain attachment for Serpentix Pathwinder Conveyor, Chain splice assembly part # PW01060004A or approved equal</b>	56021000002	10	ASSY	\$354.00	\$3,540.00	Serpentix PW01060004A
#0-3	<b>Drive sprocket assembly, includes UHMWPE sprocket and nickel plated steel hub, for Serpentix Pathwinder conveyor, Sprocket part # PW01060004A or approved equal</b>	56021000003	4	EACH	\$1,314.00	\$5,256.00	Serpentix PW01070004A RevB
#0-4	<b>Guide Block Wide #PW01040007A RevD or approved equal, Injection molded polyurethane. Style: Wide, Color: Gray</b>	56021000004	247	EACH	\$14.90	\$3,860.30	Serpentix PW01040007A RevD
#0-5	<b>Guide Block SPLICE #PW01040008A RevB or approved equal, injection molded polyurethane, Style: Wide, Color: Gray</b>	56021000005	50	EACH	\$23.40	\$1,170.00	Serpentix PW01040008A RevB
#0-6	<b>Chain attachment, 14mm pitch, nylon, for Serpentix Pathwinder conveyor, part # h01040010A RevH or approved equal</b>	56021000006	137	EACH	\$26.60	\$3,644.20	Serpentix H01040010A RevH
#0-7	<b>Take-up sprocket assembly, includes UHMWPE sprocket and nickel plated steel hub, for Serpentix Pathwinder conveyor, part # PW01070003A RevB or approved equal</b>	56021000007	1	EACH	\$1,194.00	\$1,194.00	Serpentix PW01070003A RevB

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VENDOR: Serpentix Conveyor

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	EXTENDED PRICE	MANUFACTURER & PRODUCT CODE
#0-8	Tension block assembly, galvanized, for Serpentix Pathwinder conveyor, part #Pw01160020A RevH, or approved equal, w/acme nut, 1"-6 thread	56021000008	1	EACH	\$174.96	\$174.96	Serpentix PW01160020A RevH
#0-9	Adjusting screw, Acme 1"-6 thread, SS, for Serpentix Pathwinder conveyor, part # PW01160031A RevC or approved equal	56021000009	1	EACH	\$440.64	\$440.64	Serpentix PW01160031A RevC
#0-10	Tension bracket, galvanized, for Serpentix Pathwinder conveyor, part # APW0116023B or approved equal	56021000010	1	EACH	\$54.00	\$54.00	Serpentix APW0116023B
#0-11	26" Belt Pan, Moldable Plastic Rubber (MPR), for Serpentix Pathwinder conveyor, part # H010101222D or approved equal	56021000011	1	EACH	\$95.85	\$95.85	Serpentix H01010122D
#0-12	20" Belt Pan, Moldable Plastic Rubber (MPR), for Serpentix Pathwinder conveyor, part # H0101020D or approved equal	56021000012	150	EACH	\$83.85	\$12,577.50	Serpentix H01010120D
#0-13	20" Rubber Scraper Insert #60 Durometer, ½" thick – pw0137070305A or approved equal	56021000013	1	EACH	\$68.40	\$68.40	Serpentix PW01370305A
#0-14	26" Rubber Scraper Insert #60 Durometer, ½" thick pw01370306A or approved equal	56021000014	1	EACH	\$81.00	\$81.00	Serpentix PW01370306A
#0-15	20" Backing Plate for Belt Scraper pw01370104A or approved equal	56021000015	1	EACH	\$45.00	\$45.00	Serpentix PW01370104A
#0-16	26" Backing Plate for Belt Scraper pw01370103A or approved equal	56021000016	1	EACH	\$57.00	\$57.00	Serpentix PW01370103A

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VENDOR: Serpentix Conveyer

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	EXTENDED PRICE	MANUFACTURER & PRODUCT CODE
#0-17	Pathwinder Main Drive Shaft, 2-3/16" diameter, type 416 stainless steel, chamfered ends, 2-keyways, 2-keys, # PW1080001A RevC or approved equal	56021000017	1	EACH	\$545.10	\$545.10	Serpentix PW01080001A RevC
#0-18	Rubber Isolator, #60 Duro, 1-hole @ Intermediate Attachment #pw1040010A RevD or approved equal	56021000018	1	EACH	\$10.40	\$10.40	Serpentix PW01040010A RevD
#0-19	Pathwinder Take-Up Shaft, 2-3/16" diameter, type 416 stainless steel, chamfered ends, 1-keyway, 1-key, #PW01080004A RevE or approved equal	56021000019	1	EACH	\$517.50	\$517.50	Serpentix PW01080004A RevE
#0-20	Belt Pan Washer x 1-3/4" long, rectangular, 14 gauge 304 stainless steel, part #h01010156A Revb or approved equal	56021000020	1	EACH	\$1.35	\$1.35	Serpentix H01010156A RevB
#0-21	Take-Up Bearing, No. SC, 1" wide slot, 2 3/16" bore, attached to the spring tubes of the take-up assembly for Serpentix Pathwinder conveyor model part # pw0116-125117 or approved equal	56021000021	1	EACH	\$531.30	\$531.30	Serpentix PW0116-125117
#0-22	Spirot pin, 7/16" dia. x 2" long, zinc plated, take-up bearing, used to attach to the spring tubes of the take-up assembly for Serpentix Pathwinder conveyor model part # atc716PIN2 or approved equal	56021000022	1	EACH	\$4.50	\$4.50	Serpentix ATC716PIN2
#0-23	PW-Drive Bearing & Housing w 2-3/16: Dia. Bore. Dodge PN PW0115-126816 or approved equal	56021000023	4	EACH	\$600.30	\$2,401.20	Serpentix PW0115-126816

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VENDOR: Serpentix Conveyor

LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	EXTENDED PRICE	MANUFACTURER & PRODUCT CODE
#0-24	5/16" – 18NC x 1 1/4" Long Hex Head Cap – Screw, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan, Serpentix PN afs012114 or approved equal	56021000024	1	EACH	\$0.75	\$0.75	Serpentix AFS012114
#0-25	5/16" – 18NC x 1 1/2" Long Hex Head Cap – Screw, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan, Serpentix PN AFS012112 or approved equal	56021000025	1	EACH	\$0.80	\$0.80	Serpentix AFS012112
#0-26	5/16" – 18NC Nylon Insert Lock Nut, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan, Serpentix PN AFS402000 or approved equal	56021000026	1	EACH	\$0.65	\$0.65	Serpentix AFS402000
#0-27	3/8" – 16NC x 2" Long Hex Head Cap Screw, 304SS 3/8" fasteners are used to fasten the guide blocks to the chains, Serpentix PN AFS013200 or approved equal	56021000027	1	EACH	\$1.00	\$1.00	Serpentix AFS013200
#0-28	3/8" – 16NC Nylon Insert lock Nut 304SS 3/8" fasteners are used to fasten the guide blocks to the chain, Serpentix PN AFS403000 or approved equal	56021000028	1	EACH	\$0.75	\$0.75	Serpentix AFS403000
#0-29	3/8" Plain Washer, 304SS 3/8" fasteners are used to fasten the guide blocks to the chain, Serpentix PN AFS203000 or approved equal	56021000029	1	EACH	\$0.35	\$0.35	Serpentix AFS203000
#0-30	Steel Sprocket #60, 60-Tooth, Finish Bore to 2-3/16" Dia. Serpentix PN adc60bs60x2.1875 or approved equal	56021000030	1	EACH	\$296.70	\$296.70	Serpentix ADC60BS60x2.1875

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LINE NO.	DESCRIPTION	ITEM NUMBER	EST. QTY.	UNIT	UNIT PRICE	EXTENDED PRICE	MANUFACTURER & PRODUCT CODE
#0-31	Steel Sprocket #60, 15-Tooth, Finish Bore to 1-3/4" Dia. Serpentix PN adc60bs15 or approved equal	56021000031	1	EACH	\$103.50	\$103.50	Serpentix ADC60BS15
#0-32	#60 Steel Roller Chain Splice, 3/4" Pitch Serpentix PN adc60riv or approved equal	56021000032	1	FOOT	\$40.05	\$40.05	Serpentix ADC60RIV
#0-33	#60 Steel Roller Chain Splice, 3/4" Pitch, Spring Clip Type Serpentix PN adc60spi or approved equal	56021000033	1	EACH	\$17.70	\$17.70	Serpentix ADC60SPL
#0-34	V-Belt, Gates or Goodyear, Robber-Belt Size 3VX-425 Serpentix PN ADC3VX425 or approved equal	56021000034	3	EACH	\$29.40	\$88.20	Serpentix ADC3VX425
#0-35	% Discount off Mfg. List Price for conveyor parts not listed above. BIDDER MUST ENTER % AS WHOLE NUMBER e.g. 10% = 0.10 - If no discount offered Bidder must enter 0%	56021000035	Estimated Expenditures \$3,500.00	% Discount	5% Discount	\$175.00	Serpentix

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**TITLE:**  
**Conveyor Replacement Parts for Serpentix Conveyor**

**RFB #:**  
**RFB-RC-2022-045**

## SPECIFICATIONS

### 1. SCOPE

- 1.1. The scope of this bid is to provide specified replacement parts for Serpentix conveyors. All items are to be as specified or approved equal and not require adaptors.

### 2. REQUIREMENTS

- 2.1. The Rockland County Sewer District#1 (RCSD#1) has three conveyors as follows: Per the general arrangement drawing P96-0654-D Rev A (**separate attachment**), Conveyor # 1 is a 26" belt pan. S-shape conveyor that conveys sludge and discharges onto Conveyor # 2 that is a 26" belt pan, straight conveyor. Conveyor # 3 is a 20" belt pan, horizontal and vertical curve conveyor that conveys screenings.

- 2.1.1. Parts are as follows:

<b>Part</b>	<b>Old Part Number</b>	<b>New Part Number</b>
Chain Link: 14 mm x 100mm (4")	AC05001W	AC05004W
PW Chain Splice Assembly	APW106002B	APW106004A
Drive Sprocket		APW0107004B
Guide Block, Urethane, Wide	APW0104001B	APW0104007A
PW Splice Guide Block Wide		APW0104008A
Chain Attach 14 mm		AC04010
PW-T.UP Sprocket		APW0107003B
Wide Slot T-UP		ATC125117/DODGE 125117
Spirot Pin T-UP- 7/16" X 2"		ATC716PIN2
PW-Tension Block		APW0116020B
PW-Adj. Screw	APW016031 A-SS	APW0116031C
PW-Tension BRKT		APW0116023B
26" Belt Pan-MPR		A01122B01
20" Belt Pan-MPR		A01120B01
20" Rubber Scraper Insert, ½" thick		APW01370305A

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<b>Part</b>	<b>Old Part Number</b>	<b>New Part Number</b>
26" Rubber Scraper Insert, ½" thick		APW01370306A
20" Backing Plate for Belt Scraper, UHMWPE		APW0137104A
26" Backing Plate for Belt Scraper, UHMWPE		APW0137103A
PW-Drive Shaft, 416SS w/Keys		APW0108001a
Isolator @ Interm. Attach, 1-hole		AC04010A
PW-Take Up Shaft, 416SS w/key		APW0108004D
Belt Pan Washer x 1-3/4" Lg.SS		A01156a
PW-Drive Bearing & Housing w 2-3/16: Dia. Bore. Dodge PN 126816		Dodge PN 12816
5/16" – 18NC x 1 ¼" Long Hex Head Cap – Screw, 304SS		Serpentix PN AFS012114
5/16" – 18NC x 1 ½" Long Hex Head Cap – Screw, 304SS		Serpentix PN AFS012112
5/16" – 18NC Nylon Insert Lock Nut, 304SS		Serpentix PN AFS402000
3/8" – 16NC x 2" Long Hex Head Cap Screw, 304SS		Serpentix PN AFS013200
3/8" – 16NC Nylon Insert Lock Nut 304SS		Serpentix PN AFS403000
3/8" Plain Washer, 304SS		Serpentix PN AFS203000
Steel Sprocket #60, 60-Tooth, Finish Bore to 2-3/16" Dia.		Serpentix PN ADC60BS6023
Steel Sprocket #60, 15-Tooth, Finish Bore to 1-3/4" Dia.		Serpentix PN ADC60B15
#60 Steel Roller Chain Splice, ¾" Pitch		Serpentix PN ADC60RIV



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Part	Old Part Number	New Part Number
#60 Steel Roller Chain Splice, ¾” Pitch, Spring Clip Type		Serpentix PN ADC60SPL
V-Belt, Gates or Goodyear, Robber – Belt Size 3VX-425		Serpentix PN ADC3VX425

**3. BRAND NAME**

3.1. The use of a brand name is for the purpose of describing a standard of quality, performance and characteristics desired and is not intended to limit or restrict competition.

**4. APPROVED EQUAL OR EQUIVALENT ITEMS**

4.1. Bidder must guarantee in writing with their bid and be able to demonstrate within one-week notice the interconnectability of their equipment with the existing equipment.

**5. QUANTITIES**

5.1. Quantities listed are estimates. Parts will be ordered on an as needed basis.

**6. PRICING**

6.1. All pricing submitted for the specified items must be FOB Destination.

6.2. Bidders must submit unit pricing for the specified items.

**7. PRICE ADJUSTMENT**

7.1. The County recognizes this product or service has a price component that may have a commodity with changing costs. The Contractor/Supplier may request a Price Adjustment no more frequently than once each quarter (3-month period).

A Price Adjustment request must be made in writing and include the reason for the request, documentation supporting the request (ie, commodity increases), the current pricing, and the requested revised pricing.

The County will review the Price Adjustment request. If the Price Adjustment is deemed reasonable the Price Adjustment request will be accepted by written acknowledgement. If the request is not accepted the County may entirely reject the request or may counter with revised pricing. In either case the County will provide a written explanation in support of the decision.

The Director of Purchasing may use available indexes (e.g. CPI or PPI) to determine if the requested Price Adjustment is reasonable. Typically, a Price Adjustment that exceeds 5% will not be approved unless very unusual and significant changes have occurred in the industry.

In the event industry costs decline, the County shall have the right to receive, from the Contractor, a reasonable reduction in prices/pricing that reflect such cost changes in the

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industry. The County will make a written request to the Contractor for a Price Adjustment in writing with supporting documentation.

- 7.2. Bidder must enter a percent (%) discount off Mfg. suggested retail list price for replacement parts not specified.
  - 7.2.1.1.1. Bidder must submit a percent discount off of the official manufacturer’s published retail price list for replacement parts not specifically listed. Current Mfg. suggested retail price list must be uploaded with your bid submission.
  - 7.2.1.2. The price bid must be in the form of a percent discount from manufacturer’s suggested retail list price. Suggested retail list price must be defined as that published in their latest standard printed price list. Bidders must enter, in the space provided on the proposal pages, the applicable discount which must remain firm for the life of the contract.
  - 7.2.1.3. Industry wide increases, as reflected in newly published manufacturer’s price listings will be honored.
  - 7.2.1.4. In as much as the price list in the possession of the Division of Purchasing must be the governing copy, it must be the responsibility of the successful bidder to ensure that the current price sheets are forwarded to the Division of Purchasing.
  - 7.2.1.5. Under the authority of any resultant award hereto, the County of Rockland specifically reserves the right to award any such additional items as may be required for its operations.
  - 7.2.1.6. Price increases will not be allowed unless the Division of Purchasing is in possession of the current price sheets.
  - 7.2.1.7. All discounts must be firm and fixed for the specified contract period.
  - 7.2.1.8. Discounts offered must be expressed as a single percent (%) figure. Offers containing chain or multiple discounts may be considered non-responsive.
  - 7.2.1.9. If there is not a percent discount offered bidder must indicate “0%”.
  - 7.2.1.10. This price list must be the current manufacturer’s retail price list at the time of bidding and as updated by the manufacturer during the life of the contract.

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**8. DETAILED SPECIFICATIONS – THIS SECTION MUST BE INCLUDED/UPLOADED WITH YOUR BID SUBMISSION**

<b>DETAILED MINIMUM SPECIFICATIONS</b>	<b>BIDDER TO STATE COMPLY OR LIST ALTERNATE SPECIFICATIONS</b>
Chain, 14mm x 100mm pitch, case hardened alloy steel, minimum breaking strength of 35,000 pounds for Serpentix Pathwinder Conveyor, Chain part # AC05004W (OLD PART #AC05001W) Sold by the Link, Link = 4” long	
Chain splice assembly: Includes chain splice, split guide blocks (2) and split chain attachment for Serpentix Pathwinder Conveyor, Chain splice assembly part # APW106004A (OLD PART NUMBER # APW106002B)	
Drive sprocket assembly, includes UHMWPE sprocket and nickel-plated steel hub, for Serpentix Pathwinder conveyor, Sprocket part # APW0107004B	
Guide Block Wide #APW0104007A: Injection molded polyurethane. Style: Wide, Color: Gray	
Guide Block SPLICE #APW0104008A, injection molded polyurethane, Style: Wide, Color: Gray	
Chain attachment, 14mm pitch, nylon, fabricated for Serpentix Pathwinder conveyor model part # AC04010	
Take-up sprocket assembly, includes UHMWPE sprocket and nickel-plated steel hub, or Serpentix Pathwinder conveyor model, part # APW0107003B	
Tension block assembly, galvanized, for Serpentix Pathwinder conveyor, part # APW0116020B, w/acme nut, 1”-6 thread	
Adjusting screw, Acme 1”-6 thread, SS, for Serpentix Pathwinder conveyor, part # APW0116031C. (OLD PART NUMBER APW0116031 A-SS)	
Tension bracket, galvanized, for Serpentix Pathwinder conveyor, part # APW0116023B	
26" Belt Pan, Moldable Plastic Rubber (MPR), for Serpentix Pathwinder conveyor, part # A01122B01	
20" Belt Pan, Moldable Plastic Rubber (MPR), for Serpentix Pathwinder conveyor, part # A01120B01	
20” Rubber Scraper Insert #60 Durometer, ½” thick – APW10370305A	
26” Rubber Scraper Insert #60 Durometer, ½” thick APW01370306A	

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DETAILED MINIMUM SPECIFICATIONS	BIDDER TO STATE COMPLY OR LIST ALTERNATE SPECIFICATIONS
20" Backing Plate for Belt Scraper UHMWPE APW0137104A	
26" Backing Plate for Belt Scraper UHMWPE APW0137103A	
Pathwinder Main Drive Shaft, 2-3/16" diameter, type 416 stainless steel, chamfered ends, 2-keyways, 2-keys, #APW0108001A	
Rubber Isolator, #60 Duro, 1-hole @ Intermediate Attachment #AC04010A	
Pathwinder Take-Up Shaft, 2-3/16" diameter, type 416 stainless steel, chamfered ends, 1-keyway, 1-key, #APW0108004D	
Belt Pan Washer x 1-3/4" long, rectangular, 14-gauge 304 stainless steel, part #A01156A	
Take-Up Bearing, No. SC, 1" wide slot, 2 3/16" bore, attached to the spring tubes of the take-up assembly for Serpentix Pathwinder conveyor model part # ATC125117 or Dodge 125117	
Spirot pin, 7/16" dia. x 2" long, zinc plated, take-up bearing, used to attach to the spring tubes of the take-up assembly for Serpentix Pathwinder conveyor model part # ATC716PIN2	
PW-Drive Bearing & Housing w 2-3/16: Dia. Bore. Dodge PN 126816	
5/16" – 18NC x 1 ¼" Long Hex Head Cap – Screw, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan Serpentix PN AFS012114	
5/16" – 18NC x 1 ½" Long Hex Head Cap – Screw, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan Serpentix PN AFS012112	
5/16" – 18NC Nylon Insert Lock Nut, 304SS 5/16" fasteners are used to fasten one belt pan to another belt pan Serpentix PN AFS402000	
3/8" – 16NC x 2" Long Hex Head Cap Screw, 304SS 3/8" fasteners are used to fasten the guide blocks to the chains Serpentix PN AFS403000	
3/8" – 16NC Nylon Insert Lock Nut 304SS 3/8" fasteners are used to fasten the guide blocks to the chain Serpentix PN AFS403000	

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DETAILED MINIMUM SPECIFICATIONS	BIDDER TO STATE COMPLY OR LIST ALTERNATE SPECIFICATIONS
3/8" Plain Washer, 304SS 3/8" fasteners are used to fasten the guide blocks to the chain Serpentix PN AFS203000	
Steel Sprocket #60, 60-Tooth, Finish Bore to 2-3/16" Dia. Serpentix PN ADC60BS6023	
Steel Sprocket #60, 15-Tooth, Finish Bore to 1-3/4" Dia. Serpentix PN ADC60B15	
#60 Steel Roller Chain Splice, 3/4" Pitch Serpentix PN ADC60RIV	
#60 Steel Roller Chain Splice, 3/4" Pitch, Spring Clip Type Serpentix PN ADC60SPL	
V-Belt, Gates or Goodyear, Robber-Belt Size 3VX-425 Serpentix PN ADC3VX425	

**9. AWARD**

9.1. This Bid will be awarded line by line to the lowest responsive responsible bidder(s).

9.1.1. % Discount to be awarded to the highest responsive responsible bidder offering the greatest savings to the County of Rockland.