

# CITY OF HIGH POINT

## AGENDA ITEM

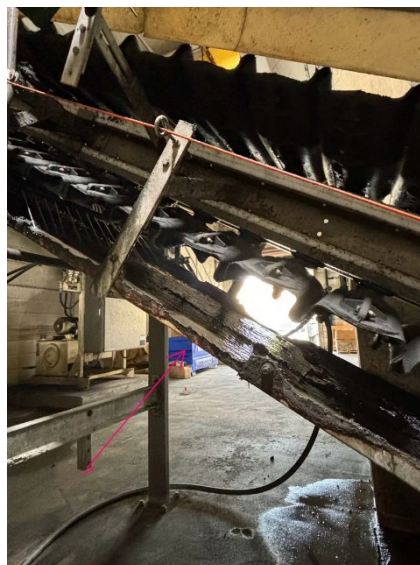
<b>TITLE:</b> Eastside Incline Belt Tray Replacement - Serpentix Conveyor Corporation	
<b>FROM:</b> Robby Stone – Public Services Director Derrick Boone – Asst. Public Services Director	<b>MEETING DATE:</b> September 16, 2024
<b>PUBLIC HEARING:</b> N/A	<b>ADVERTISED DATE/BY:</b> N/A
<b>ATTACHMENTS:</b> Quote Sole Source Letter	

**PURPOSE:** To replace the incline belt tray for the Serpentix conveyor in the solids building at the Eastside Wastewater Treatment Plant (WWTP). This is a sole source item as Serpentix components are proprietary and patented.

**BACKGROUND:** The Serpentix conveyor transfers dewatered solids from the centrifuges on the ground floor of the solids building up to the hopper for the Schwing pumps that then transfer the “cake” to either the incinerator or the truck loading station. The Serpentix conveyor is a critical component to the solids dewatering operations at the Eastside WWTP. The scope of the project will be to replace the incline belt tray that collects spray and dewatered solids. This is a sole source request since Serpentix is the only manufacturer offering modular belt pans with molded convolutions that flatten at each end of the conveyor to allow full belt scraping.

**BUDGET IMPACT:** Funds for this project are available in the FY 2024-2025 budget.

**RECOMMENDATION/ACTION REQUESTED:** Public Services is recommending that Serpentix Conveyor Corporation be approved as a sole source vendor to replace the belt tray for the solids conveyor at the Eastside WWTP for \$ 36,790.80.



Deteriorated incline belt tray under the Serpentix Belt



# SERPENTIX CONVEYOR CORP.

11821 Huron Street | Westminster, CO 80234-3423 – USA  
Office: 303.430.8427 (Mon - Fri; 8am - 5pm Mountain) | [serpentix.com](http://serpentix.com) | [conveyors@serpentix.com](mailto:conveyors@serpentix.com)

Thursday, August 15<sup>th</sup>, 2024

City of High Point  
EASTSIDE WATER TREATMENT PLANT  
5898 RIVERDALE ROAD  
JAMESTOWN, NC 2728

Attention: Tricia Lowery - Residuals Management Supt  
336.883.3361 - [tricia.lowery@highpointnc.gov](mailto:tricia.lowery@highpointnc.gov)

Reference: Serpentix Conveyor Corporation  
Proprietary Components  
Customer Id No.: **P2-08-1006**  
Serpentix Job Name: **High Point, NC**

Dear Ms. Lowery,

Serpentix components used in our designs are proprietary and are patented. We are the sole supplier of all Serpentix OEM components. Serpentix is the only manufacturer offering modular belt pans with molded convolutions that flatten at each end of the conveyor to allow full belt scraping.

Serpentix does not sell through distributors. This process is designed to protect the customer from paying a higher price through resellers.

If you have any questions, please give me a call. Thank you.

Sincerely,

Robert D. Nusz  
President / Sales Director

United States Patent Numbers: 4,205,745; 4,144,965; 4,438,842; 4,927,006; 5,692,435; 5,931,280; 6,761,265  
and other Patents Pending

**SERPENTIX® CONVEYOR CORP.**

11821 Huron Steet  
Westminster, CO 80234 - USA  
303.430.8427 office

**Parts Quotation**



www.serpentix.com

Parts Quotation #. 6018 RevA

Date: Aug 13, 2024

**Bill To:**

CITY OF HIGH POINT  
ACCOUNTS PAYABLE  
PO BOX 230  
HIGH POINT, NC 27261  
U. S. A.

**Ship to:**

EASTSIDE WATER TREATMENT PLANT  
5898 RIVERDALE ROAD  
JAMESTOWN, NC 27282  
U. S. A.

Sales Rep. EW2

Good Thru: 9/12/24

Customer ID 081006-P2

Payment Terms Net 30 Days

Contact Person MIKE SWAN

Ship Via TRUCK FREIGHT, LTL

Phone Number 336-883-3061

Fax Number

Qty.	Part Number:	Part Description:	Unit:	Unit Price:	Extension:
		Quote by Erik Melander for Trcia Lowery (tricia.lowery@highpointnc.gov)			
16.00	H01400242A RevC1	DRIP PAN 26" BELT, 18GA 304SS x 4'-0" LG.	EACH	350.00	5,600.00
1.00		DRIP PAN 26" BELT, 18GA 304SS x 4'-0" LG. w/ CUTBACK		375.00	375.00
32.00	AFS014100	1/2"x1" HHCS SS	EACH	0.75	24.00
32.00	AFS404000	1/2" NYLOK NUT SS	EACH	0.65	20.80
32.00	AFS204000	1/2" PLAIN WASHER SS	EACH	0.35	11.20
32.00	AFS244000	1/2" FENDER WASHER SS	EACH	0.55	17.60
32.00	APW01350745A	PW-DRIP PAN INTERM.SUPPRT.26" (304SS)	ASSY	115.00	3,680.00
28.00	P301350002A x 18IN	P3 (20in / 26in) DRIP PAN VERTICAL HANGER BAR x 18IN [304SS]	EACH	45.00	1,260.00
4.00	P301350002A x 24IN	P3 (20in / 26in) DRIP PAN VERTICAL HANGER BAR x 24IN [304SS]	EACH	58.00	232.00
16.00	P301350003A	DRIP PAN CROSS BAR [26in BELT] x 2'-8 1/4" OVERALL (304SS)	EACH	42.50	680.00
1.00		SPECIAL DRIP PAN HANGER @ DRIVE SUPPORT (304SS)		125.00	125.00
34.00	APW01350014ARA	PW-DRIP PAN CLAMP PL.,10GA SS	EACH	5.00	170.00
102.00	AFS013114	3/8"x1 1/4" HHCS SS	EACH	0.45	45.90
102.00	AFS403000	3/8" NYLOK NUT SS	EACH	0.65	66.30
68.00	AFS203000	3/8" PLAIN WASHER SS	EACH	0.25	17.00
32.00	AFS014112	1/2"x1 1/2" HHCS SS	EACH	1.10	35.20
32.00	AFS404000	1/2" NYLOK NUT SS	EACH	0.65	20.80
3.00		DRIP PAN SPRAY WASH MANIFOLD w/ BRASS BALL VALVE FOR THROTTLE CONTROL - all fittings / connections responsibility of owner.		1,495.00	4,485.00
1.00	FREIGHT	FLAT RATE FREIGHT CHARGES - TRUCK FREIGHT, LTL	LOT	2,975.00	2,975.00

Please note: All credit card payments will incur a 3% processing fee. Thank you for your inquiry. If you have questions, please reach out to 303.430.8427 or conveyors@serpentix.com .

<b>Subtotal:</b>	<b>Sales Tax:</b>	<b>Total After Shipping:</b>
Continued	Continued	Continued

**SERPENTIX® CONVEYOR CORP.**

11821 Huron Steet  
 Westminster, CO 80234 - USA  
 303.430.8427 office

**Parts Quotation**

www.serpentix.com

Parts Quotation #. 6018 RevA

Date: Aug 13, 2024

**Bill To:**

CITY OF HIGH POINT  
 ACCOUNTS PAYABLE  
 PO BOX 230  
 HIGH POINT, NC 27261  
 U. S. A.

**Ship to:**

EASTSIDE WATER TREATMENT PLANT  
 5898 RIVERDALE ROAD  
 JAMESTOWN, NC 27282  
 U. S. A.

Sales Rep. EW2

Good Thru: 9/12/24

Customer ID 081006-P2

Payment Terms Net 30 Days

Contact Person MIKE SWAN

Ship Via TRUCK FREIGHT, LTL

Phone Number 336-883-3061

Fax Number

Qty.	Part Number:	Part Description:	Unit:	Unit Price:	Extension:
1.00		(PRODUCT & JOB BOX) OPTIONAL: INSTALLATION BY SXC FIELD TECHNICIAN (3 DAYS ON-SITE) w/ SCISSOR LIFT RENTAL		16,950.00	16,950.00

Please note: All credit card payments will incur a 3% processing fee. Thank you for your inquiry. If you have questions, please reach out to 303.430.8427 or conveyors@serpentix.com .

<b>Subtotal:</b>	<b>Sales Tax:</b>	<b>Total After Shipping:</b>
36,790.80		\$ 36,790.80

**SOLE SOURCE JUSTIFICATION FORM**

(For Items Costing **\$10,000.00 or More**)  
Statutory Reference N.C.G.S. 143-129(e)6

Requisition #

Vendor:

Item(s):

Justification:

Drip pan (incline tray) is severely corroded. Installed incline belt February via Serpentix. This ensures proper install, form and function with the belt. Serpentix components are proprietary and are patented.

Estimated expenditure for the above item(s):

Accounting Unit and Account(s):

CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE.  
ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT  
DOCUMENTATION.

1.  Performance or price competition for a product are not available.
2.  A needed product is available from only one source of supply.
3.  Standardization or compatibility is the overriding consideration.
4.  The parts/equipment are required from this source to permit standardization.
5.  None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and support documentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel  Digitally signed by Robby Stone  
Date: 2024.08.28 08:00:42 -04'00'

Department/Division  Date

APPROVAL PROCESS

Purchasing Manager  Digitally signed by Candy E. Harmon  
Date: 2024.08.28 16:34:09 -04'00'

Financial Services Director  Digitally signed by Bobby Fitzjohn  
Date: 2024.08.29 08:08:56 -04'00'

City Council (\$30,000 – Up)

