



June 4, 2020

TO: Mark Mitchell, Interim City Manager

FROM: Dan Scherer, Local Manager (Alliance Water Resources)

RE: **CAPITAL IMPROVEMENT PURCHASE**

**Water Treatment Plant (WTP) Replacement De-Gasifier Blower and Motor**

The De-Gasifier is the heart of the WTP hydrogen sulfide (H<sub>2</sub>s) removal system. It pulls outside air through the treatment vessel to strip the treated water of H<sub>2</sub>s, the air being pulled through then is forced (by the blower) through scrubber #1 and then scrubber #2 where chemicals are used to dissipate the H<sub>2</sub>s, the clean air then is forced to the atmosphere 95.8% free of H<sub>2</sub>s. The existing blower is 18 years old, and has an estimated 84,787 hours of run time on it, fins on the blower are corroding from its many years of service, and staff has noted intermittent bearing noise. To sustain dependability of the odor control system the blower should be replaced. A failure at any time will cause H<sub>2</sub>s to escape to the atmosphere, creating odor complaints in a wide spread area around the WTP Facility and will also cause water quality issues. The blower is not a "on the shelf" item and lead time once ordered is 7-8 weeks. WTP staff is being proactive in the replacement of the unit by pursuing purchase prior to a failure occurring. To keep replacement costs down Alliance staff will remove the old blower and motor and install the new system in house.

Quotation as follows:

The New York Blower Company ----- \$13,718.00 – (freight included)

Evans Enterprises ----- \$15,250.00 – (freight included)

Indelco Plastics Corporation ----- \$16,412.33 – (freight included)

At this time, I am requesting approval to purchase the new blower and motor from the low bidder New York Blower in the amount of \$13,718.00. This is a budgeted item to be expensed from City funds budget line item 500-5-4425-284 with a present balance of \$20,000.00. The new blower is not an exact fit as the old-style unit is no longer made so, some of the remaining funds may be needed for incidentals during the installation process. If you have any questions, please contact me.

Cc: Gary Johnson, file

COMPETITIVE ANALYSIS

BIDDER NO 1: The New York Blower Company

CONTACT: Maurin Fitzpatrick

PHONE NO: 1-913-962-1000 FAX NO: —

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>New York Blower FRP Fume Exhauster</u>	<u>\$13,718</u> *
		<u>Fan, Model #24 + 20 HP Motor</u>	

Note: The New York Blower that we have has approx. 84,787 run time hrs.  
18 yrs old

BIDDER NO 2: Evans Enterprises

CONTACT: DS

PHONE NO: 1-417-886-8886 FAX NO: 1-417-886-8882

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>New York Blower FRP Fume Exhauster</u>	<u>\$15,250</u>
		<u>Fan, Model #24 + 20 HP Motor</u>	

BIDDER NO 3: Indelco Plastics Corporation

CONTACT: Bob McCartney

PHONE NO: 1-816-842-5050 FAX NO: 1-816-842-2979

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>New York Blower FRP Fume Exhauster</u>	<u>\$16,413.33</u>
		<u>Fan, Model #24 + 20 HP Motor</u>	

SPECIFY SHIPPING: UPS  WILL CALL  VENDOR TRUCK   
COMMON CARRIER  OTHER

WHO PAYS SHIPPING: PREPAID  COLLECT  (no COD allowed)

PAYMENT TERMS: NET 30 DAYS  1% TEN DAYS NET 30   
CHECK WITH ORDER  OTHER

PROMISED SHIP DATE: 7 to 8 Weeks

PREPARED BY: Joseph D. Tippen DATE: 3-06-2020

Please reply to Aircorp Equipment Company, Inc.  
P.O. BOX 860793 – SHAWNEE, KS 66286  
Phone: (913) 962-1000  
WEB: www.aircorpinc.com  
E-MAIL: sales@aircorpinc.com

March 6, 2020

Mr. Joe Tipper  
City of Nevada  
110 S Ash Street  
Nevada, MO City, State Zip

QUOTE NO. NEV012020M1-JT Rev1  
Similar to W09156 (2002)

ONE (1) New York Blower FRP Fume Exhauster Fan, Model # 24,  
with FRP Wheel, MP Wheel, Arrangement 9E

CAPACITY: OPERATING  
7,000 CFM, 6.0" SP, 1708 RPM, 9.31 BHP @ 70<sup>0</sup>F, 0.0750 Density

MOTOR: 20 HP, 1800 RPM, 3-60-230/460V., TEFC, Integral, Premium  
Efficiency, 256T Frame

- \* Motor Provided and Mounted by NYB
- \* Motor Data Sheet(s)
- \* Constant V-Belt Drive 1.5sf
- \* Viton Shaft Seal w/ SST Sleeve
- \* Slip Inlet
- \* Flanged Outlet – Not Drilled
- \* Threaded Drain w/ Plug
- \* Inspection Port
- \* Belt Guard
- \* Shaft and Bearing Guard
- \* Freight to Nevada, MO
- \* To-Scale CAD Composite Drawing

Shipment: Approximately 7 - 8 weeks after receipt of confirming purchase order.

Note: Fume Exhauster went through a design change in 2006. Fan may not be an exact drop in replacement.

Please Address Orders To:

The New York Blower Company  
C/o Aircorp Equipment Company, Inc.  
P.O. Box 860793  
Shawnee, KS 66286



# QUOTATION

Terms: 30 days net. Subject to nyb Conditions of Sale.

This quotation, for equipment manufactured by nyb, is valid for acceptance within 60 days. Purchased components such as motors, drives, and vibration bases are subject to adjustment to price in effect at time of shipment. nyb reserves the right to qualify and correct clerical errors before acceptance.

<b>PRICE</b>
<b>\$13,718.00</b>

\* Note: this quote is still valid. Freight is included.

ACCEPTED

THE NEW YORK BLOWER COMPANY

BY \_\_\_\_\_

DATE \_\_\_\_\_

BY \_\_\_\_\_



## Joe Tipper

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**From:** Marvin Fitzpatrick <marvin@aircorpinc.com>  
**Sent:** Thursday, June 04, 2020 10:42 AM  
**To:** Joe Tipper  
**Subject:** RE: New York Blower  
**Attachments:** NEV012020M1-JTrev1.pdf

Joe,  
Proposal update from March is still valid.  
It did include freight to Nevada, MO.  
Marvin

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**From:** Joe Tipper [mailto:jtipper@alliancewater.com]  
**Sent:** Thursday, June 04, 2020 9:29 AM  
**To:** Marvin Fitzpatrick  
**Subject:** RE: New York Blower

Marvin,  
Would you update your quote on the New York Blower. I have been notified that the City of Nevada will be moving forward on this. Please also include shipping and or handling. Thanks

Joseph D. Tipper  
Plant Superintendent  
  
Professional Water and Wastewater Operations  
Water Treatment Plant  
1300 W. Cherry  
Nevada, Mo. 64772  
Phone: 417-448-5117

**From:** Marvin Fitzpatrick [mailto:marvin@aircorpinc.com]  
**Sent:** Friday, March 06, 2020 10:56 AM  
**To:** Joe Tipper <jtipper@alliancewater.com>  
**Subject:** RE: New York Blower

Revised proposal attached.

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**From:** Marvin Fitzpatrick  
**Sent:** Friday, March 06, 2020 10:26 AM  
**To:** Joe Tipper  
**Subject:** RE: New York Blower

Joe,  
Should have some freight numbers later today or Monday  
at the latest.  
Marvin

Evans Enterprises, Inc.  
 4647 W. Junction Street  
 Springfield, MO 65802  
 (417) 886-8886 Phone  
 (417) 886-8882 Fax



# Quotation

Visit us on the web at [www.goevans.com](http://www.goevans.com)

LOCATION ID SPR80  
 QUOTE DATE 1/20/2020  
 QUOTE NO 15784  
 CUSTOMER ID 108270  
 CUSTOMER PO# REQUIRED

**Quote Bill To:**

**Quote Ship To:**

**Quotation Prepared By:**

CITY OF NEVADA  
 110 SOUTH ASH ST  
 NEVADA, MO 64772

JOE TIPPER  
 CITY OF NEVADA  
 110 SOUTH ASH ST  
 NEVADA, MO 64772

DJ  
 EVANS ENTERPRISES, INC.  
 4647 W. JUNCTION STREET  
 SPRINGFIELD, MO 65802  
 (417) 886-8886 PHONE  
 (417) 886-8882 FAX

TRANSACTION NO 00048177      TRANSACTION DATE 1/20/2020

**Comments or Special Instructions:**

*This Quotation is Valid for 30 Days*

AVAILABILITY	FOB	TERMS
8-10 BUSINESS WEEKS ARO	FREIGHT INCLUDED	Net 30 Days

QUANTITY	EVANS ID	DESCRIPTION	UNIT PRICE	AMOUNT
1	NS-SPR	NEW YORK BLOWER FRP FUME EXHAUSTER FAN, MODEL#24 WITH FRP WHEEL, MED PRESSURE, ARRANGEMENT 8, CCW TH CAPACITY: OPERATING 7,000 CFM, 6.43"SP, 1750RPM, 9.74BHP @ 70°F, 0.0750DENSITY MOTOR: 20HP, 1800, 256T, TEFC, 3PH, 230/460V, 60HZ	\$15,250.00	\$15,250.00

TAXABLE SUBTOTAL	\$0.00
SALES TAX	\$0.00
SHIPPING	\$0.00
TOTAL	\$15,250.00
<b>TOTAL DUE</b>	<b>\$15,250.00</b>

Based upon our Standard Terms and Conditions available at [www.GoEvans.com/terms](http://www.GoEvans.com/terms)

**We appreciate your business.**





# Sales Quote

414 East 16th Ave

N Kansas City, MO 64116  
Phone: 816/842-5050

Bill To: CITY OF NEVADA  
Joe Tipper  
110 South Ash Street  
NEVADA, MO 64772

## Quote

**SQ0086421**

Quote Date: 3/9/2020  
Customer #: 7CIN01  
Terms: Net 30 Days

Ship To: CITY OF NEVADA  
Joe Tipper  
110 South Ash Street  
NEVADA, MO 64772  
United States

REF #: **NEW YORK BLOWER**

FOB	Ship Via	Sales Person	Requested Ship Date	Entered By
ORIGIN		Bob McCartney	3/9/2020	Bob McCartney

Item No/ Your Item No	Description	Qty	U of M	Tax	Unit Price	Ext Price
MISC-2	FRP Fume Exhauster Size 24 MP Arr-9E Pos-R CCW Rotation TH discharge Capacities Operating 7000 cfm, 6 in wg, 1708 rpm, 9.31 bhp, 0.075 lb/ft3, 0 ft 70 °F Motor (Supplied by NYB and mounted by NYB) Integral TE 20 HP 1800 rpm 3-60-230/460 Premium Efficiency 256T ABB Motors; Included Accessories/Modifications V-Belt Drive: Constant, Service Factor = 1.50, Supplied by NYB, Mounted by NYB Drain: Housing, Threaded, FRP with PVC Plug Inspection Port, 2:00 (standard) Flanged Outlet: Included Shaft Seal Assembly: Viton, with SST 316 Sleeve, bore 1-15/16 (shaft diam: 1-11/16) Guard: Belt, Arrangement 9, Ventilated Sheet, Steel Guard: Shaft and Bearing, Ventilated Sheet, Steel Certified Documents: To-scale Composite Drawings, DWG format, with STP File	1	EACH		16,413.33	16,413.33
SHIP-F-DIRECT	FREIGHT CHARGES TO BE ADDED	1	EACH			

All orders are subject to the terms and conditions available @ [www.indelco.com/terms-service](http://www.indelco.com/terms-service).  
All pipe and fabricated items are non-cancelable and non-returnable. Returned goods will not be  
accepted without an authorization # and are subject to a restock charge. Claims for shortages  
must be made within 5 days after receipt of goods. Pipe prices quoted are valid for 5 day, all  
other items quoted are valid for 15 days.

Non-Taxable Subtotal: 16,413.33  
Taxable Subtotal: 0.00  
Total Sales Tax: 0.00