

6.2.1

[illegible]

Updated 7.1.1

§ 133-3 - ~~Coon Hollow Park~~ No Overnight Parking at City Parks.

It shall be unlawful for any person to enter upon the driveways or grounds within ~~Coon Hollow Park~~ any City park, or to park or cause to be parked within the parks any motor vehicle or trailer between the hours of 9:00 p.m. and 8:00 a.m.

2024 MAY 8 PM 5:55

8.3

Derby Board of Aldermen/Alderwomen
One Elizabeth Street
Derby, CT 06418

Dear BOA/A,

I'd like to be put on the agenda for your May meeting as I would like an Easement reduction on the property previously known as Lot 102 Colonel Humphrey Estates , now known as 43 Franklin Avenue, Derby, CT 06418. The original easement is 100 feet and there are no utilities that pass through that easement but Stormwater to D. Basin, Inc on O'Sullivan's Road.

Respectfully,



Ted Estwan

43 Franklin Avenue
Derby, CT 06418

Marc Garofalo

From: Roger Salway
Sent: Tuesday, April 30, 2024 9:17 AM
To: Linda Fusco
Cc: jgv4750@aol.com; Mayor Joseph DiMartino; Marc Garofalo; Sarah Widomski
Subject: [REDACTED]; Brian Hall; Dominick Thomas; Pamela Happy
Attachments: Proposed redevelopment of 33 Elizabeth Street
Tax Incentive Program Application 3 19 24.pdf

Requesting Agenda item for Thursday, 5/9 City of Derby Board of Alders meeting @ 7.00 p.m.

Linda,

In a conversation with Joe Voll last evening, I learned that Joe's son has been selected to represent the US in an International Hockey Tournament taking place in Scandinavia, and consequently Joe will be out of the country until May 12th, and will be unable to attend the May 9th BoAA meeting...

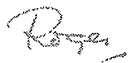
We wish Joe's son (one of 18 players to represent the US) every success.

As a result, Joe will be asking Dominick Thomas to present the prior approvals for the redevelopment of 33 Elizabeth Street and the Application (attached) that was submitted on 3/19 under the prevailing policy for the City of Derby Tax Incentive program. To be eligible for the program it requires the applicant to obtain BoAA approval prior to the start of construction. Joe indicated he would like to start the renovation in August 2024

The redevelopment of 33 Elizabeth Street, a key downtown property stretching the block from Elizabeth Street to Minerva Street, was formerly the headquarters of United Illuminating, and is now owned by Joe Voll. It has been largely unoccupied for some years as Joe has been postponing redevelopment until the signs of other downtown developments taking place convinced him that the market is right and is planning to invest some \$3.6M in an upgrade of the property and surrounding parking areas.

Statement of Use and other supportive documents were submitted and approved previously by P&Z and would include some 32 apartments, mix of Studios and One bedroom units, and there is interest to include a first floor restaurant; once a Certificate of Occupancy has been issued, we can anticipate, maybe 50 new residents and progressively increasing City tax revenues.

Estimated increased assessed value of 33 Elizabeth Street, after redevelopment, is around \$3.0 M plus the addition of 5-8 permanent jobs.



Roger Salway

Director - Economic Development



8.5

City of Derby
1 Elizabeth Street
Derby, CT 06418
rsalway@derbyct.gov
(203) 841-5608 (c)

From: Dominick Thomas djt@cohen-thomas.com
Sent: Monday, April 1, 2024 12:06 PM
To: Roger Salway rsalway@derbyct.gov
Cc: Ted Estwan testwan@unifiedcommunications.com; Linda Fusco lfusco@derbyct.gov
Subject: Re: FW: 33 Elizabeth Street Floor Plans

All,

Attached are:

- The recorded Special Exception Permit
- The approved Statement of Use
- The approved final plan set

Please let me know if you need anything further or have any questions.

Dominick J. Thomas, Jr.
Cohen and Thomas
315 Main Street
Derby, CT 06418
T: 203-735-9521
F: 203-732-8129

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8.5

City of Derby
Tax Incentive Program Application

Date of Application 3/19/24

Name of Person/Entity Submitting Application: 33 Elizabeth Street LLC

Mailing Address: PO Box 110384, C/O Worldwide, Trumbull, CT 06611

Property location in Derby for which Tax Abatement is requested: 33 Elizabeth Street

Phone Number: 203-556-3423

FAX Number: 203-365-2600

Email Address: worldwide6527@outlook.com

Do you own or lease this property? Own

If you lease, please list property owner and address: _____

Type of Project: (please check one)

☐

New Construction

☒

Rehabilitation

Type of Project: (check all that apply)

☐

Office

☒

Retail

☐

Manufacturing

☐

Warehouse, Storage Distribution

☐

Multilevel Parking Associated with Mass Transit

☐

Information Technology

☐

Recreation

☐

Transportation

☒

Other

Apartments

8.5

Project Commencement Date: 8/1/24Full Time: ✓

Part Time: _____

Estimated Value of Improvements: 3,600,000Estimated Value of Personal Property to be located at Project Site: 750,000Current Assessment of Property: 382,270Projected Assessment (Application Purposes Only): 4,000,000Advancement to Grand List: 3,000,000

Provide a brief description of your project including:

Estimated cost of improvements, impact on employment (new jobs created as well as existing jobs retained), fiscal impacts, timeframe, or any other information you feel is necessary.

Total rehabilitation and build out of 32 new apartments with 1st floor retail space.

Estimated cost of improvements will be 3.6 million. This project will provide 50+ construction jobs. For example, if we can rent the 1st floor to a restaurant it could provide 40-50 new jobs and management and maintenance staff will provide another 8-10 permanent jobs. The timeframe will approximately take 24-30 months from start to finish.

Applicant's Signature & Title: _____

Member

Property Owner's Signature (if not the applicant): _____

Signature, Economic Development Director: _____

Signature, Mayor, City of Derby: _____

Adopted October 11, 2018

**STATEMENT OF USE
SPECIAL EXCEPTION / SITE PLAN APPLICATION
33 ELIZABETH STREET
ASSESSOR'S MAP 8-5, PARCEL 81
DERBY, CONNECTICUT**

Proposed by:

**33 ELIZABETH STREET LLC
OWNER & APPLICANT**

1. PROPOSED USE:

- a. The subject property is in the CDD zone. The existing building has been used for office, banking and other retail/commercial uses. The proposed use is to retain the existing meeting room space on the first floor for permitted retail and commercial uses with twenty-two (22) studio and ten (10) one (1) bedroom apartments on the existing four floors for a total of thirty-two apartments.
- b. The site allows prospective tenants to have pedestrian access to all downtown services, commercial uses and public transportation.
- c. The property is served by public water and city sewers and by all other necessary utilities.
- d. Thirty-six (36) existing off street parking spaces are provided and the property is located across the street from the municipal parking garage. The 36 spaces comply with the parking requirements for the CDD Zone.

Return to:
Cohen & Thomas
Attorneys At Law
315 Main Street
Derby, CT 06418

Document# 00001623
Volume: 257 Page: 301

8.5

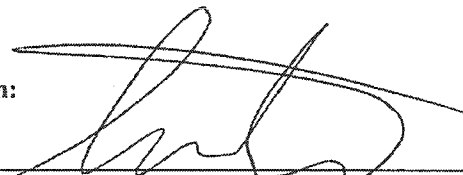
CITY OF DERBY, CONNECTICUT

THIS IS TO CERTIFY THAT 33 Elizabeth Street, LLC WAS GRANTED APPROVAL FOR A SPECIAL EXCEPTION FOR MULTI-FAMILY HOUSING AT A DENSITY IN EXCESS OF 20 UNITS PER ACRE IN ACCORDANCE WITH SECTION 195-20.C.(6) AND FOR ADAPTIVE RE-USE OF GROUND FLOOR COMMERICAL UNITS TO DWELLING UNITS IN A MIXED USED STRUCTURE IN ACCORDANCE WITH SECTION 195-20.C.(3) OF THE DERBY ZONING REGULATIONS ON LAND ZONED CENTER DESIGN DEVELOPMENT DISTRICT (CDD) ZONE BY THE CITY OF DERBY PLANNING AND ZONING COMMISSION ON July 20, 2021 FOR PROPERTY LOCATED AT 33 Elizabeth Street - Derby, CT ASSESSOR'S MAP 8-5 LOT No. 81 IN THE CITY OF DERBY, COUNTY OF NEW HAVEN, STATE OF CONNECTICUT FOR WHICH 33 Elizabeth Street, LLC IS THE OWNER(S).

THE SPECIAL EXCEPTION WAS GRANTED WITH THE FOLLOWING CONDITIONS:

SEE ATTACHED

Certification by the Derby Planning & Zoning Commission:



Theodore J. Estwan, Jr., Chairman

Property Described on the Derby Land Records as: Volume 289 Page 759

"NO VARIANCE, SPECIAL PERMIT OR SPECIAL EXCEPTION GRANTED PURSUANT TO CHAPTER 124, CHAPTER 126 OR ANY SPECIAL ACT SHALL BE EFFECTIVE UNTIL A COPY THEREOF...IS RECORDED IN THE LAND RECORDS OF THE TOWN IN WHICH SUCH PREMISES ARE LOCATED." - P.A. 75-317 CONNECTICUT GENERAL STATUTES

RECORDED _____

TOWN CLERK REC. NO. _____

8.5

CITY OF DERBY – PLANNING & ZONING COMMISSION
July 20, 2021

Application: Application for Special Exception Approval - Add 22 studio and 10 one-bedroom apartments with first floor commercial/retail office space to existing building

Applicant: 33 Elizabeth Street LLC
33 Elizabeth Street.

Following the review of the plans and supporting documents submitted in support of this application, the Derby Planning & Zoning Commission hereby approves the special exception application for 33 Elizabeth Street LLC on property shown on Derby Assessors Map 8-5 lot 81 – subject to the following conditions:

1. That the details of the decorative fencing and the dumpster enclosure shall be handled administratively with City staff.

The approval shall be based upon the following documents submitted in support of this application.

- 1.0 "Application for Special Exception and/or Site Plan Approval," dated June 8, 2021
- 2.0 "Statement of Use"
- 3.0 Plans entitled "Adaptive Re-Use Residential Development," dated March 24, 2021, with revision dated April 2, 2021, prepared for Joseph Voll & Jonathan Dentz, prepared by Rose Tiso & Co., LLC, containing the following sheets:
 - "Property Survey," scale 1" = 20', dated April 22, 2021, revised June 22, 2021
 - "First Floor Plan," Sheet A-101, scale 1/8" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
 - "Second Floor Plan," Sheet A-102, scale 1/8" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
 - "Third Floor Plan," Sheet A-103, scale 1/4" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
 - "Fourth Floor Plan," Sheet A-104, scale 1/8" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
 - "Elevations," Sheet A-201, scale 1/8" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
 - "Elevations," Sheet A-202, scale 1/8" = 1'-0", dated January 7, 2021, revised April 2, 2021, prepared by Rose Tiso & Co., LLC
- 4.0 Review letter from Ryan McEvoy, SLR International Corp. dated July 8, 2021
- 5.0 Response to comments from SLR International Corp. with attached aerial photographs received from the applicant.
- 6.0 Testimony by the applicant and his representatives, city staff, Commission and public at the July 20, 2021 public hearing during the regularly scheduled meeting of the Derby Planning and Zoning Commission

7.5

TAX INCENTIVE ORDINANCE

Ordinance No.: _____

Tax and Business Incentive Program

A. Purpose

- i. The purpose of the Tax Incentive Program is to attract, retain and expand businesses and industries in the City of Derby. It is the intent of the city to provide and create jobs for local and area residents; to create long term tax base growth through the replacement, reconstruction, expansion, adaptive reuse and remodeling of existing business and industrial facilities, where appropriate and environmentally sound; to encourage the construction of new facilities, when necessary, and to create the potential for generating new demands for existing local businesses through a "spin-off" effect of major employers' business decisions. It is further the intent of the City of Derby to encourage substantial investment in new equipment and other personal property subject to taxation within the City.

The City of Derby has adopted this tax incentive ordinance in accordance with Connecticut General Statute 12-65b and 12-127a. This ordinance establishes a tax incentive program for the City and allows the City to enter into written agreements with the owners and/or lessees of certain real property located within the City of Derby in order to fix tax assessments of real and/or personal property in the manner set forth by this ordinance.

B. Eligibility

- i. Business Enterprise Tax Incentives
 - a. In accordance with the provisions of Conn. Gen. Stat. §12-65b, the Board of Aldermen / Alderwomen may enter into written tax agreements with owners and/or lessees of real property if the improvements are for one of the following:
 - i. Manufacturing use;
 - ii. Office Use;
 - iii. Retail Use;
 - iv. Storage, warehouse or distribution use;

7.5

- v. Structured multilevel parking use necessary with a mass transit system;
- vi. Information Technology;
- vii. Recreation Facilities;
- viii. Transportation Facilities;
- ix. Permanent Residential Use; or,
- x. Transient Residential Uses.

ii. Adaptive Reuse

- a. In accordance with the provisions of Conn. Gen. Stat. §12-127a, the Board of Aldermen / Alderwomen may enter into written tax agreements with the owners and/or lessees of real property on which a structure of historical or architectural merit is located, provided that it is shown to the satisfaction of the Board of Aldermen / Alderwomen that the level of taxation is a material factor which threatens the continued existence of the structure, necessitating either its demolition or remodeling in a manner which destroys the historical or architectural value.
- iii. Only legally existing uses, businesses relocating to the City, new business development and business expansion listed in section B.(i.) or businesses seeking to renovate a qualifying structure for its business purposes in accordance with section B.(ii.) will be considered under the following circumstances:
- a. The proposed project is located within a district zoned for such purposes by the Planning and Zoning Commission;
 - b. If the applicant is a tenant, the tax benefits must be reflected in the lease between the applicant and the owner of the subject real property where the business is locating and the lease must be for at least the term of the tax abatement period;
 - c. There is no delinquency in any taxes or service charges due to the City of Derby from the applicant or the owner of the subject property;
 - d. The project should have a clear benefit to the City of Derby; and,
 - e. Home occupations (as defined by the Derby Zoning Regulations), and all other land uses are not eligible to participate in the tax incentive program under this ordinance.

7.5

C. Application Procedure

- i. All tax abatement requests shall be made in writing on a form prescribed by the Economic Development liaison for the City of Derby. The applicant must indicate that the new investment would not occur within the City of Derby without the tax incentive requested and/or, for properties on which historical or architectural structures are located, that the level of taxation is a material factor which threatens the continued existence of the structure, necessitating either its demolition or remodeling in a manner which destroys the historical or architectural value. The applicant shall provide all required information in sufficient detail to allow the City to determine the costs and benefits associated with the implementation of the requested tax agreement. Two copies of the application must be submitted simultaneously - one to the Mayor and the other to the Economic Development liaison.
- ii. The application for tax abatement shall first be referred to the Economic Development liaison for review. The Economic Development liaison shall review the application to determine if the application conforms to and complies with the City's requirements. Each complete application shall be reviewed on a case-by-case basis. Within 30 days of receipt of the proposed tax incentive package, the Economic Development liaison shall report his or her findings to the Board of Aldermen / Alderwomen.
- iii. All final approvals shall be granted by the Board of Aldermen / Alderwomen, which final approval shall not be subject to appeal. The Board of Aldermen / Alderwomen, in its sole discretion, shall either approve, approve with modifications or conditions, or deny the application within 35 days from the date of the first regularly scheduled meeting at which the Economic Development liaison's report appears on its agenda. Granting of the tax abatement shall be subject to the affirmative vote of five members of the Board of Aldermen / Alderwomen, exclusive of the Mayor. The decision of the Board of Aldermen / Alderwomen shall be based upon the information provided by the applicant, the report of the Economic Development liaison, the criteria stated within this ordinance, and the Connecticut General Statutes.

In the event of unusual or extraordinary circumstances, the Board of Aldermen / Alderwomen may alter or waive any requirements contained herein.

8.5

D. Abatement Schedule

i. Business Enterprise Tax Incentive Abatement Schedules

- a. The Board of Aldermen / Alderwomen may, through the affirmative vote of five members of said Board, exclusive of the Mayor, authorize the City to enter into a written tax agreement with any party owning or proposing to acquire an interest in real property in the City of Derby fixing the assessment of the real property which is the subject of the Agreement and all improvement thereon or therein, subject to the cost of the project improvements exceeding the following thresholds:

<u>Cost of such improvement to be constructed</u>	<u>Abatement Period</u>
\$5,000,000.00	Seven (7) years
\$1,500,000.00	Five (5) years
\$750,000.00	Three (3) years

- b. If the increased assessment resulting from the cost of such improvement to be constructed is at least \$5,000,000.00, the City of Derby will consider entering into a seven (7) year written tax abatement agreement with such applicant, such that real estate taxes on the increase in gross taxable assessment from the improvements to real property will be abated by:

- 70% in the first year;
- 60% in the second year;
- 50% in the third year;
- 40% in the fourth year;
- 30% in the fifth year;
- 20% in the sixth year;
- 10% in the seventh year;

There shall be no abatement of taxation on any personal property owned by the applicant. Any tax abatement shall commence with the Grand List of October immediately following the issuance of the final certificate of occupancy for the subject property.

8.5

- c. If increase assessment resulting from the cost of such improvement to be constructed is at least \$1,500,000.00, the City of Derby will consider entering into a five (5) year written tax abatement agreement with such applicant, such that real estate taxes on the increase in gross taxable assessment from the improvements to real property will be abated by:

- 50% in the first year;
- 40% in the second year;
- 30% in the third year;
- 20% in the fourth year;
- 10% in the fifth year;

There shall be no abatement of taxation on any personal property owned by the applicant. Any tax abatement shall commence with the Grand List of October immediately following the issuance of the final certificate of occupancy for the subject property.

- d. If the increased assessment resulting from the cost of such improvement to be constructed is at least \$750,000.00, the City of Derby will consider entering into a three (3) year written tax abatement agreement with such applicant, such that real estate taxes on the increase in gross taxable assessment from the improvements to real property will be abated by:

- 30% in the first year;
- 20% in the second year;
- 10% in the third year;

There shall be no abatement of taxation on any personal property owned by the applicant. Any tax abatement shall commence with the Grand List of October immediately following the issuance of the final certificate of occupancy for the subject property.

ii. Adaptive Reuse Abatement Schedule

- a. The Board of Aldermen / Alderwomen may, through the affirmative vote of five members of said Board, exclusive of the Mayor, authorize the City to enter into a written tax agreement with any party owning or proposing to acquire an interest in real property in the City of Derby on which there is located a structure(s) of historical or architectural merit, subject to the cost of the project improvements equal to or exceeding the sum of \$500,000.00.

8.5

- b. Real estate taxes on real improvements associated with the historic redevelopment and adaptive reuse of any structure deemed to have historic or architectural merit that qualify under this section shall be abated for a period of three (3) years in accordance with the following schedule, commencing with the Grand List of October immediately following the issuance of the first certificate of occupancy for the subject property.

- 30% in the first year;
- 20% in the second year;
- 10% in the third year;

- c. If, after taxes on such structure have been abated in accordance with the terms of this ordinance, such structure is demolished or remodeled in a way which destroys its architectural or historical value, the then owner shall pay to the City an amount equal to the total amount of the taxes which had been abated under this ordinance.

E. Agreement

- i. Pursuant to the Aldermen's decision, the City will enter into a written agreement with the owner or lessee of real property for the terms of the agreement.
- a. After approval of any such tax agreement, construction shall commence within twelve (12) months and shall be completed within twenty-four (24) months said approval. In the event that construction is not commenced and/or completed within the specified time frame, then any agreement entered into pursuant to this policy shall immediately terminate and the full amount of the tax (including accrued interest) that would otherwise be due shall immediately become due and payable, unless alternative arrangements are authorized by the Board of Aldermen / Alderwomen.
- b. If an applicant fails to comply with the payment of taxes upon the due date required, then any agreement entered into pursuant to this program may be terminated by action of the Board of Alderman / Alderwomen and, in such event, the full amount of the tax including accrued interest that would otherwise be due shall immediately become due and payable.

F. Transferability

- i. Any tax agreement entered into pursuant to this ordinance shall not be subject to assignment, transfer or sale without the consent of the Board of Aldermen / Alderwomen. In the event that any such agreement is assigned, transferred or sold without the Board's consent, then the agreement shall terminate, as of the effective date of assignment, transfer or sale and the full amount of the tax that would otherwise be due to the City of Derby, including accrued interest and lien fees, shall immediately become due and payable

8.5

G. Authority of Board of Aldermen / Alderwomen

- i. Nothing in this ordinance shall require the Board of Aldermen / Alderwomen to enter into a tax abatement agreement.

H. Retroactivity

This Ordinance is not retroactive.

8.6



City of Derby
Water Pollution Control Authority
1 Elizabeth Street
Derby, CT 06418
(203) 736-1475

Board of Alderman Report May 2024

Water Pollution Control Authority

Plant – The plant is operating within permit limits.

Plant Upgrade – In 2014 the City passed a \$31.42 million dollar referendum to replace three of the City's pump stations and begin plant upgrades. As of November 2022, approximately \$15 million dollars have been used on replacing the three pump stations and sewer main replacement in the RT-34 project. With approximately \$16.4 million dollars remaining the focus has turned on a full facilities upgrade (under DEEP order) with a cost estimated at \$60 million dollars.

Collections System – Third quarter sewer cleaning completed.

Pump Station – All four pump stations are operating without issue.

Bid Waiver – The WPCA is requesting a bid waiver for emergency repair costs in excess of \$15,000. The WPCA is requesting a bid waiver in the amount of \$83,344 to replace the plant's main aeration blower. The reason for the bid waiver is due to the fact that the parts needed are proprietary to the manufacturer. The company the WPCA uses is the regional representative for parts and services. The WPCA only has one redundancy blower which is over twenty years old and has failed once since it has been online. If both of the plant's aeration blowers go down, we will be out of compliance with DEEP and in violation of our discharge permit. There is a standard lead time of 8-10 weeks. The WPCA is also looking for blower rental to have as a backup until the plant's main blower is back in service. We are estimating the cost of the rental to be between \$10,000 and \$15,000 a month. This does not include the cost to set up the blower once delivered. Attached is the quote for the cost of repairs along with two quotes for rental blowers.

Respectfully,

Edward R. Abel
Superintendent
City of Derby
Water Pollution Control Authority

April 19, 2024

Steve Iacoune
Derby WPCF

RE: HST Blower Repair

Carlsen Systems, LLC is pleased to offer the following quote to repair the Sulzer/ABS HST 2500 blower.

Scope to include parts and labor to replace:

- Magnetic bearing controller
- Impeller
- Position sensors
- Safety bearing
- Motor cooling silencer and blow-off silencer
- Cooling fans for VFD
- Miscellaneous parts (hardware, fuses, shims, etc.)

TOTAL PRICE: \$83,344.00

Price includes parts, labor, and travel expenses.

Most parts have a standard lead time of 8-10 weeks. After a purchase order is received, the factory will update lead time based on items in their inventory.

Not all parts are required in order to return the blower to service (e.g. silencers, cooling fans). We will prioritize getting the blower operational. If a return trip is required to install non-critical parts, that trip will be at no additional charge.

If you have any questions, please do not hesitate to call.

Sincerely,

Craig Burmeister
Carlsen Systems, LLC

8.6

Steve,

It was good speaking with you earlier.

Wanted to get some budgetary numbers in front of you as well as some sample project photos, technical specs on the unit, and a dimensional drawing for the rental unit. To get a full scope together for a final proposal we'll need to know the lengths of flex hose and cable, as well as any elbows or reducers you'll need based on the location you would set the unit to where your mechanical and electrical connection points would be located.

Rental Blower

Price per
Month
\$7,100

first month cost \$11,320

each additional month \$8,000

Model DVO33

Capable of ~1800 SCFM at up to
18 PSIG

Accessories

Price per
Month
(Each)

9' section of 6" Stainless Steel
braided flex hose

\$400

Mechanical fittings (elbows, 45's,
tees, reducers)

\$150

50' of Temporary cable

\$350

8.6

One Time Costs

Freight To/From Atlanta, GA	TBD
Optional Onsite startup & commissioning support	\$2,500
Gasket Kits	\$70 each
Estimated Cleaning fee (if necessary)	\$750

Equipment Specifications

Rental Model	DVO33	Units
Length	88	[in]
Width	83	[in]
Height	92	[in]
Weight	± 7,900	[lb]
Discharge 150# Flange	6	[in]
Max Allowable Operating Pressure	18	[PSIG]
Min Allowable Operating Pressure	4	[PSIG]
PRV Setpoint	19	[PSIG]
Electric Input	460v 3 ϕ	
Motor Size	150	[HP]
Max Current @ 460v (Std Conditions)	~160	[amps]
# Sets Camlock Cable Connections	1	
Drive Type	Belt	
Sound Attenuation Enclosure	YES	
On Board VFD	YES	
On Board Electrical	YES	

8.6

Protection		
On Board Controls	YES	
Remote Monitoring Installed	YES	
On Board Aftercooler	NO	
Auto Motor Lubrication	YES	

Regards,

Scott Werner

National Sales Manager

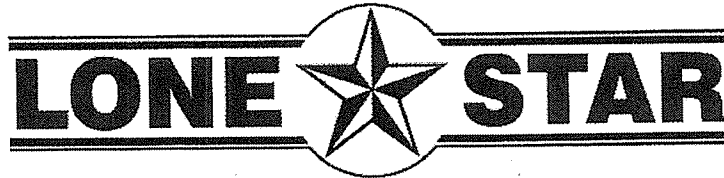
scott@aerzenrental.com

M : +1 (404) 987-8285

AERZEN RENTAL USA, LLC

5500 S Cobb Dr SE, Building 50, Atlanta, GA 30339

***Specializing in temporary oil free blower and compressor
solutions under 50 PSIG***



8.6

RENTALS

CUSTOMER: Derby County

NAME: Steve Lacuone

DATE: 04-22-24

QUOTE NO: SQUO- 7923

EQUIPMENT TYPE: PD Blower Package

PROPOSED BY: S.Polidano

SUPPLIER: LONESTAR BLOWER

SPECIFICATIONS: RENTAL BLOWER PACKAGE, 2200 SCFM, 7.5-10 PSI.G, 32-100°F, AIR, 480 V, C/W ACCESSORIES

BY CUSTOMER: WIRING FROM BREAKER TO VFD CABINET
LIFTING EQUIPMENT

first month cost \$7,350

each additional month \$5,400

REVISION NO. R0

REVISIONS: N.A.

NOTES: MAX DISCHARGE 15PSI.G

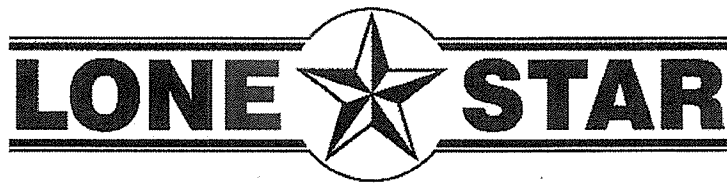
NO SOUND ENCLOSURE

PACKAGES WITH SOUND ENCLOSURE AVAILABLE AT 1500 SCFM/100 HP

ATTACHMENTS: BLOWER CUT SHEET
PERFORMANCE CURVE
ACCESSORIES LIST
TERMS & CONDITIONS

Stephen Polidano

LONE STAR BLOWER
8883 West Monroe Road
Houston, Texas 77061
TEL: 832-532-3112
CELL: 281-387-8779
FAX: 832-532-3115



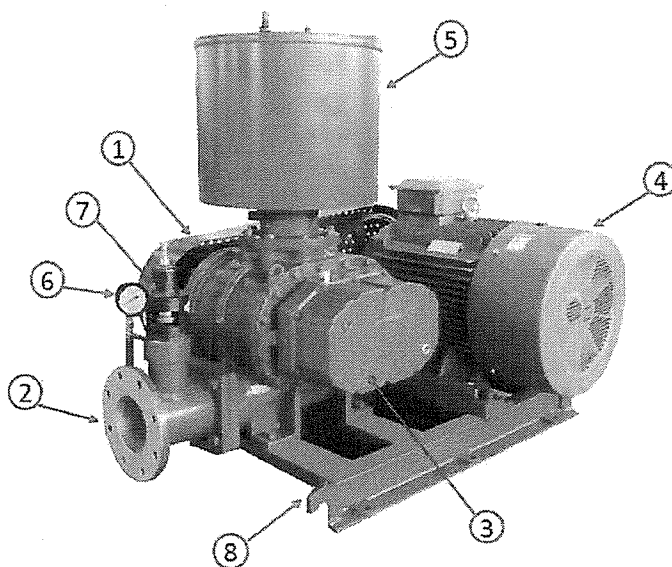
8.6

1.0 APPLICATION

APPLICATION	AIR BLOWER
DESIGN FLOW	2200 SCFM
DESIGN PRESSURE	10 psi.g
DESIGN TEMPERATURE	32 to 100 °F
DESIGN RH%	35 %
BLOWER PACKAGE HP	150 HP

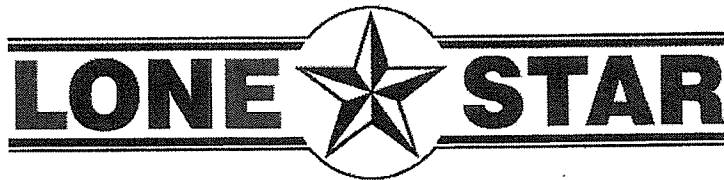
1.1 FEATURES

- High efficiency bi-lobe rotor
- Integral-shaft ductile iron impellers
- Dual splash lubrication
- Over Sized cylindrical roller bearings
- Low vibration
- Versatile configuration
- Piston ring air seals
- Lip type Viton oil seals



- | | |
|---------------------------------|-----------------------------|
| 1. PD Blower Layout | 5. Inlet Air Filter |
| 2. Flanged Outlet | 6. Pressure Gauge |
| 3. Positive Displacement Blower | 7. Pressure Relief Valve |
| 4. 3-Ph Motor | 8. Powder Coated Steel Skid |

The above layout is for reference only and does not depict the actual layout for this proposed project. The unit will be identified upon receiving purchase order and all details submitted to the customer for approval.



8.6

1.2 FINANCIAL PROPOSAL

DESCRIPTION	RATE \$
BLOWER PACKAGE PREPARATION FEE (ONE TIME)	\$ 1,500.00
RENTING BLOWER PACKAGE – (MONTHLY RATE)	\$ 5,000.00
FACTORY TEST	INCLUDED
ACCESSORIES (SEE LIST)	INCLUDED
SHIPPING ONE WAY (ESTIMATE)	PRE PAY AND ADD
OPTIONAL	
4/0 CABLE 20' BARE TO BARE (SINGLE) (RATE PER MONTH)	250.00
REDUCER 6" ANSI #150 TO ANY (RATE PER MONTH)	250.00
8" x 20' FLEXIBLE PIPE FLANGED ANSI #150 (RATE PER MONTH)	350.00

Note: Bolt and Gasket Kits to be provided at \$ 35.00 per kit.

RENTAL PERIOD: *Minimum rental period is 1 month (28 days).* Additional billing periods are every 28 days and rate will be pro-rated accordingly.

RENTAL START DATE: On date of shipping from LSB facility in Houston.

RENTAL END DATE: On date if return to LSB Facility in Houston

INSPECTION: All rented equipment is inspected upon return and if found damaged the rental rate will be applied until the repair works are approved by the end user.

DEPOSIT FEE: *FOR PRE-BOOKINGS ONLY* - A \$1,000.00 deposit with purchase order. The deposit will be credited towards the first payment but is nonrefundable if order is cancelled.

PAYMENT TERMS: Prices quoted above are NET 30 days (w/approved credit)

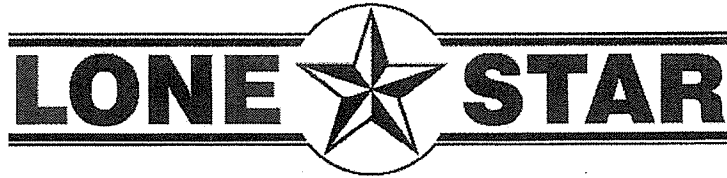
PAYMENT PLAN: *Preparation fee and first month of rent paid prior to shipping.*
Successive invoices every 28-day period payable based on credit terms agreed.

LEAD TIME: Within **24-48 hours** from approved PO for standard rental packages and equipment.

SCOPE OF SUPPLY: Any work or equipment beyond the scope of this proposal will be performed or provided only after customer approval and acceptance by Lone Star Blower. No assumption should be made that anything not specifically defined is included.

VALIDITY: This quotation is valid for 30 days.

TERMS & CONDITIONS: Attached is a copy of our standard terms & conditions.



8.6

1.3 TECHNICAL OFFER

Standard Major Package Components:

Blower: Lone Star Positive Displacement Air Blower 6024 is series Package consisting of:

- Cast Iron Body
- Carbon Steel Shaft
- Oil Lubricated
- Case Drains
- Discharge Connection 10" ANSI #150 Flange

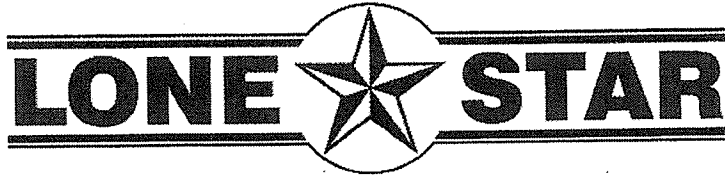
Skid: Lone Star Premium Structural Steel Skid/Base consisting of:

- Heavy Duty I-Beam Construction
- Powder Coated
- Blower Mounting Pads
- Blower Jack Bolts
- Motor Mounting Pads
- Motor Jack Bolts
- Lifting Eyes on Corners
- Premium Coupling
- OSHA Coupling Guard

Motor: 150 - 200 Hp Motor, 3600 RPM, 480V, 60HZ., 3 PH, TEFC

Starter: 150 HP VFD Control panel, 480V, 60HZ, NEMA 3R, mounted on separate skid

Paint: Blower & Skid will include manufacturer's standard finish. RAL-5005 Dark Blue.



8.6

1.4

ACCESSORIES – INCLUDED AT NO CHARGE WITH PACKAGE

Item	Description	QTY
1	INLET FILTER/SILENCER RATED FOR 4000 SCFM	1
2	CHECK VALVE 10" - WAFER STYLE	1
3	DISCHARGE SPOOL 10" X 8"	1
4	DISCHARGE VALVE 10" - WAFER TYPE	1
5	PRESSURE RELIEF MANIFOLD	1
6	RUBBER VIBRATION PADS	8
7	LUBRICATION OIL (GALLON)	1

1.5

PACKAGING AND FREIGHT

SHIPPING FROM: LONESTAR BLOWER, 8883 W. MONROE RD, HOUSTON, TX 77061

PACKAGING: Included

LOADING: Included

COST: Estimate provided in proposal, but actual cost is on prepay and add 10% basis

1.6

STARTUP

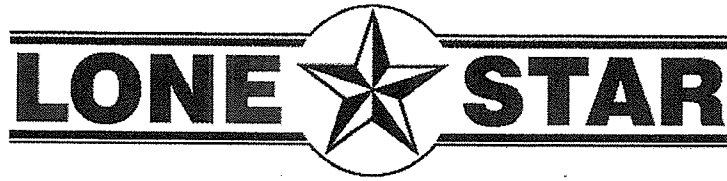
Lone Star Blower has a fully trained & experienced service group which will perform equipment commissioning and training.

COST: See estimate

DURATION: 1 day (Startup and training)

TRAVEL TIME: 1 ½ days

Pre startup checklists must be filled by customer before the technician can travel to site for startup and commissioning.



8.6

1.7 ORDER INFORMATION – Attach with Purchase Order

PO Number: _____

Contact Name: _____

Delivery Address: _____

Contact Phone: _____

Date Needed: _____

8.6

PROPOSAL



To: Derby, CT
 Quotation No.: AL1485
 Revision: 0

The following is a price summary for this quotation.

DESCRIPTION	UNIT PRICE	QTY	EXTENDED
DT-MAX100 Series Blowers	Included	1	Included
Blower Accessory Package	Included	1	Included
Testing	Included	LOT	Included
Packaging and Freight	Included	LOT	Included
Field/Startup Services	Included	LOT	Included
Spare Parts	Included	LOT	Included
Grand Total			\$97,800

SCOPE OF SUPPLY: Any work or equipment beyond the scope of this proposal will be performed or provided only after customer approval and acceptance by Lone Star Blower. No assumption should be made that anything not specifically defined is included.

VALIDITY: This quotation is valid for 60 days.

PRICE: The price quoted is for all items purchased at one time. Partial orders may be subject to a price adjustment.

PAYMENT TERMS: 25% upon Submittals approval; 30% upon receipt of major components by LSB; 40% upon delivery or readiness for shipping; 5% upon successful startup or latest 8 weeks after delivery. Terms subject to credit approval.

FREIGHT: Packaging, Handling and Estimated Shipping Cost are included.

APPROVAL DRAWINGS: 4-5 Weeks after acceptance of order.

SHIPMENT: 16-18 Weeks after receipt of Signed Submittal Drawings.

WARRANTY: A 12-month warranty will begin upon successful completion of startup and certification for full-scale operation by Lone Star Blower, or 18 months from shipment, whichever occurs first. Under no circumstances will the warranty begin upon "beneficial use", completion of the project, or acceptance of the equipment as determined by the engineer or end user. Any and all warranty terms and conditions detailed in the proposal herein shall supersede and/or supplement the warranty language denoted in the Lone Star Blower terms and conditions.

BEARING GUARANTEE: A 50,000 Start/Stop Cycles Guarantee for the proposed airfoil bearings is included. Guarantee will begin upon start-up. Guarantee is based on normal operating conditions and environmental conditions specified. If bearings need replacing before end of guarantee, LSB will provide replacement bearing or replacement core.

STARTUP: Start Up is included in this proposal.

TERMS and CONDITIONS: Attached is a copy of our standard terms and conditions.

8.6



neuros

Product Lease Agreement

Reference: - 012720-4637

Date: May 8th, 2024





The Product Lease Agreement

This Product Lease Agreement is made in duplicate, effective as of the signature date by and between APGN inc. (*d.b.a. APG Neuros*), a corporation with offices located at 1270 Bd Michèle-Bohec, Blainville, QC J7C 5S4, the **"Vendor"**, and Water Pollution Control Authority - Derby, CT, the **"Customer"**, with reference to the following:

- A. APG Neuros is engaged in the business of manufacturing, sales, distribution, and support of a variety of Turbo Blower and aeration products for the Water and Wastewater industries.
- B. APG Neuros desires to Lease its Turbo Blower Model NX75 in a standard configuration with no to little modifications and with a recommended retail value of \$82,800 as defined in Appendix A (the **"Blower Specification"**) and Appendix B (the **"Blower Performance Data"**) to the Customer ("Customer"), and the Customer desires to participate in the Product Lease, at 1 Elizabeth St, Derby, CT 06418, United States upon the terms and conditions set forth herein. THEREFORE, the parties hereto agree as follows:
 1. Vendor shall arrange to deliver the Product to the operating facility (address as above) at a date mutually agreed by the parties and following the signature of this agreement.
 2. Customer shall arrange for an authorized Contractor to install the Product at the Customer's facility under the specified installation requirements outlined by the Vendor. Connections to existing piping, electrical panels, headers are the responsibility of the Customer.
 3. The Customer shall be responsible for expenses for on-site transportation of the Product to the designated premises, Inspection of the Product and installation of the Product.
 4. The Vendor shall provide to Customer technical assistance with installation design layouts, technical assistance with integration with plant PLC/SCADA, blower commissioning, and Operation and Maintenance training.
 5. Vendor shall certify that the Product has been installed indoors and is operating in accordance with all requirements for proper and successful operation.



8.6

Product Leasing Agreement between:
APGN & Water Pollution Control Authority - Derby, CT

6. At the signature of this Product Lease Agreement and acceptance of the Purchase Order, the Customer shall pay the Vendor \$10,000.00 for shipping the blower to the site location (by land) and commissioning of the Product.
7. The Customer shall pay the Vendor for the Product Lease at a rate of \$5650 per month. A \$6000 up front fee shall be charged at the start up of the leased unit. In addition a second visit will be required for core swap and charged at a separate rate of \$6000, see Appendix C for further detail. These charges will be adjusted in the total purchase order price of the new blower.
8. The lease charges will begin upon start-up/beneficial use by the Customer and will end when the purchase order is received for the purchase of the unit.
9. Lease charges include a standard APG-Neuros warranty to cover the lease period covering the blower equipment. Changeable spares and consumables are not included.
10. The Product Lease shall be for a maximum period of 12 months.
11. At the end of the lease or at any time during the lease, the Customer can Purchase the leased Turbo Blower and will be credited 100% of the sum of the monthly lease charges paid to APG Neuros during the lease period against the blower recommended value. Any additional components or modifications required would be negotiated separately.
12. Customer shall notify Vendor in writing Thirty (30) days prior to the end of the lease period of the option selected.
13. The Customer shall be responsible for maintenance of the Product during the lease period. Vendor will authorize Customer or a Customer representative to perform the required maintenance as long as he/she has been trained by an APG Neuros authorized representative. The customer is responsible for troubleshooting, changing filters, etc. Vendor services can be offered for a price of \$2,000 / day.
14. Customer understands and agrees that the Product being leased is not to be altered or modified without the express written consent of the Vendor.
15. Customer agrees to install the Product indoor and use the Product only in an environment and under circumstances consistent with the Product's Operating and Maintenance (O&M) manual. In addition, Customer further agrees to provide reasonable due care and safeguard of the Product while it is in the Customer



8.6

Product Leasing Agreement between:
APGN & Water Pollution Control Authority - Derby, CT

possession.

16. The Customer will be liable for any damage caused to the Product that is not general wear and tear. Damage may be a result of dents from impact, fire, site flooding or losses that require disassembly, repair, or replacement. The final inspection will highlight any damage to the Product, allowing the Vendor to charge the Customer for the repairs which the Customer is liable to pay for.
17. Vendor warrants the Product for the maximum lease period of twelve (12) months from commissioning that the Product will be free from defects in material and workmanship. Vendor's sole obligation under this warranty shall be to repair or replace such defective Product at its expense. Vendor shall not be obligated or responsible for any loss or damage including but not limited to, incidental or consequential damages such as interruption of business or any loss of business or profit, or any expense experienced by Customer or any third party arising out of any defect in or failure or inadequacy of performance of any product or service furnished by Vendor hereunder. This limitation on liability shall survive termination of this agreement.
18. This Agreement will be governed by and construed in accordance with the laws of Connecticut, U.S
19. This Agreement contains the entire understanding of the parties with respect to the matters contained herein. There are no promises, covenants, or undertakings other than those expressly set forth herein.
20. This Agreement may not be modified except by written notification between the authorized representatives of both parties.
21. Customer may not assign this agreement or any rights or obligations hereunder without the prior written consent of Vendor. Subject to the above restriction on assignment, this agreement shall inure to the benefit of and bind the successors and assignees of the parties.
22. If any term, provision, covenant, or condition of this agreement is held invalid or unenforceable for any reason, the remainder of the provisions shall continue in full force and effect as if this agreement had been executed with the invalid portion thereof eliminated.



8.6

Product Leasing Agreement between:
APGN & Water Pollution Control Authority - Derby, CT

The undersigned warrant that he/she has the authority to bind to this Agreement the party, which he/she represents.

Customer: Water Pollution Control Authority
- Derby, CT

Vendor: APGN inc.

Name:

Name: Omar Hammoud

Signature:

Signature:

Title:

Title: CEO & President

Date:

Date: 08.05.2024

Appendix A – Blower Specification

1. Standard Turbo Blower Equipment (Included)

1.1. Blower Package

1. Blower Core with Permanent Magnet Synchronous Motor, Air Bearing and Forged Impeller
2. High Performance Variable Speed Drive / Inverter
3. Internal Harmonic Filter (can be installed after delivery due to lead time to delivery)
4. Allen Bradley PLC based Local Control Panel (Compact Logix L24 PLC)for Control and Monitoring
5. Remote Control capability via Ethernet, LAN or Hard wiring
6. Temperature Sensors for motor, bearing, inlet and discharge air flow
7. Pressure Sensors for discharge conditions & alert for air filter condition
8. Built in Flow Calculation & Speed Measurement
9. Internal Expansion Joint, Internal vibration and dynamic effect Absorption Mounts
10. Sinewave (Sinus) Filter
11. Built in Inlet Air Filter
12. Voltage surge protection & Uninterruptable Power Supply (UPS)
13. Line Input Reactor to maintain high power factor
14. Remote Monitoring System (RMS)

2. Standard Documentation (Included)

Submittal Information & Shop Drawings: PDF Electronic File

1. Bill of Material
2. Installation Drawings
3. Electrical and Control Drawings
4. Operation and Maintenance Manual
5. Commissioning Instructions

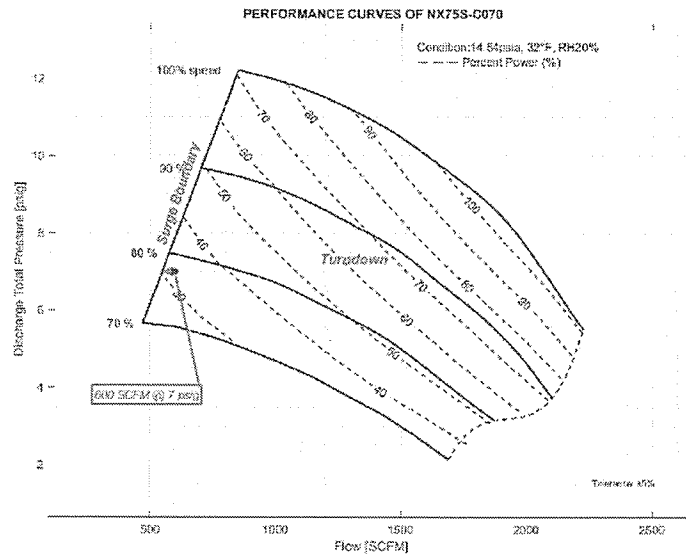
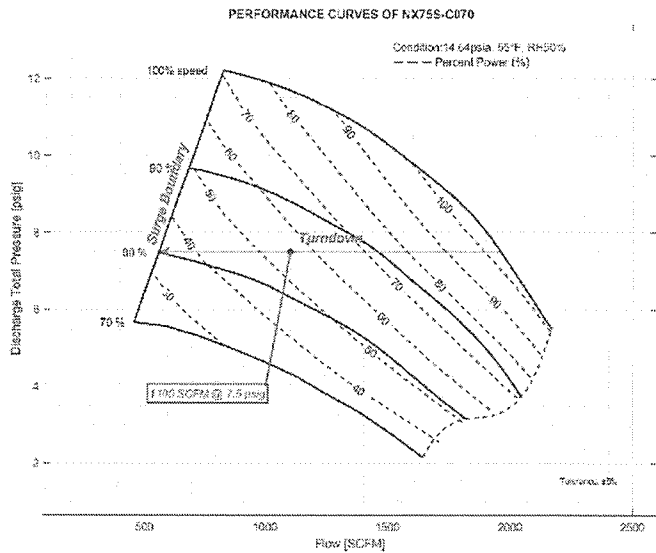
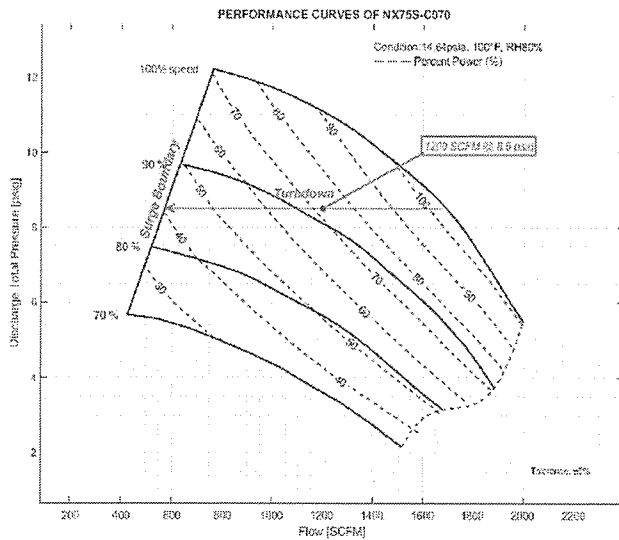
3. Standard Tests (Included)

1. Standard Blower Package Functional Acceptance Test

4. Quality Assurance and Control and Product Certification

- A. APG-Neuros Quality Assurance program is ISO 9001 certified
- B. APG-Neuros Turbo Blower is UL / CSA/ CE certified

Appendix B – Blower Performance Data



- 1,200 SCFM @ 8.5 psig – 44kW
- 1,100 SCFM @ 7.5 psig – 32kW
- 600 SCFM @ 7.0 psig – 18kW

Ambient conditions as defined in the performance curve above.

Performance based on ASME PTC-10 Performance Test Code.



8.6

Product Leasing Agreement between:
APGN & Water Pollution Control Authority - Derby, CT

Appendix C – Product information & Delivery

1. Single-Core Design:

The APG-Neuros Turbo Blower proposed for this Derby, CT project is a 75HP blower and installed inside a sound and structural enclosure. The blower Core resembles the internal layout of aero gas turbine engines. It consists of an assembly of rotating components that contains a single stage impeller directly assembled to a high speed rotor shaft, motor stator and supported with journal and thrust air bearings. The motor is a Permanent Magnet Synchronous Motor operated by the Inverter to produce the high speed rotation of the impeller and is cooled by a series of fins imbedded in the core casing and by the air flow passing through the inner passages in area of the air bearing.

2. Delivery:

It to be noted that the blower delivered under this agreement will be within 3-4 weeks from the signing of the agreement & receipt of purchase order. This blower, will have a loner core (motor, impeller & volute) until the new core can be configured to suit the site requirements as outlined in the Appendix B. The new core will be delivered to site in a number of weeks after the blower delivery. This will be outlined after the signature of the leased agreement.

3. Blower configuration:

Final blower configuration see drawing Appendix D

- NX75S-C070
- Premium configuration L24 Allen Bradely PLC & panel view plus 7HMI
- Flanged inlet 10 inch
- Harmonic filter included
- Discharge 8 inch (including accessories)
- Accessories: Discharge Check valve, Discharge Duct expansion joint, Discharge Butterfly valve





- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

MATERIAL: CARBON STEEL

1. MATERIAL : CARBON STEEL.
2. PAINT : PRIMER PAINTING : POW-LAC EV ZINC (Chokwang-Paint). FILM THICKNESS more than 50 μ m.
3. FINAL PAINTING : POW-LAC PE100 LIGHT GRAY TX (P27039) (Chokwang-Paint). FILM THICKNESS more than 50 μ m.
4. LIFTING ONLY FROM LATERAL SIDE OR USE LIFTING SLINGS, NEVER FRONT OR BACK SIDE.
5. SYMBOLS OF INDICATED CENTER OF GRAVITY
6. MINIMUM CLEARANCE REQUIRED FOR REMOVAL AND MAINTENANCE: 3.5 FT.
7. COOLING SYSTEM : FORCED AIR CONVECTION
8. FOR CABLE, REFER TO ELECTRICAL RATING SHOWN ON BLOWER NAMEPLATE
9. WEIGHT APPROX. : 1,500 lbs. INCLUDES **ONLY** THE COMPONENTS INSIDE THE BLOWER ENCLOSURE (DISCHARGE CONE, PNEUMATIC BOX, BOV SLIDERS AND CHECK VALVE) **ARE NOT INCLUDED**.
- 10.



1. ISOMETRIC VIEW IS NOT TO SCALE
2. ALL DIMENSIONS ARE IN FEET&INCHES
3. DUAL DIMENSIONS ARE IN MILLIMETERS

  	AFPM INC. 1270, Michèle-Bouché, Blainville, Québec, Canada J7B 5S4 Tel: (450) 939-0795 Fax: (450) 939-2115		PROJECTION 	
	ALL DIMENSIONS ARE IN F-IN/MM		The drawing is the property of AFPM Inc. It is not to be reproduced or copied in any manner without the written approval of AFPM Inc.	
	UNLESS OTHERWISE NOTED :		SHEET 1 OF 1	
	PROJECT NO.		DRAWING NO. G-0752206 10-A	
	DRAWN BY : A. BOR		MASTER NO. -	
CHECKED BY :		REFERENCE No. -		
APPR. BY :		SCALE : 1:30		
FILE NAME : NX75S.AF.FH10_DCB.A		DWG SIZE : B		
FOR : COMMERCIAL DRAWING		ANCHORING FEET - FLANGE INLET		
TITLE : NX75S TURBO BLOWER		REV : 00		

8.6

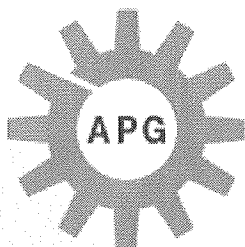
High-Speed Turbo Blower

Project Name : Derby,CT

Proposal # : 012720-4637 R1

Date : May 8, 2024

Clean
Compact
Energy-efficient
Affordable Technology



1270 Michèle-Bohec, Blainville, QC J7C5S4 | Toll-free: 1-855-423-2746
www.apg-neuros.com

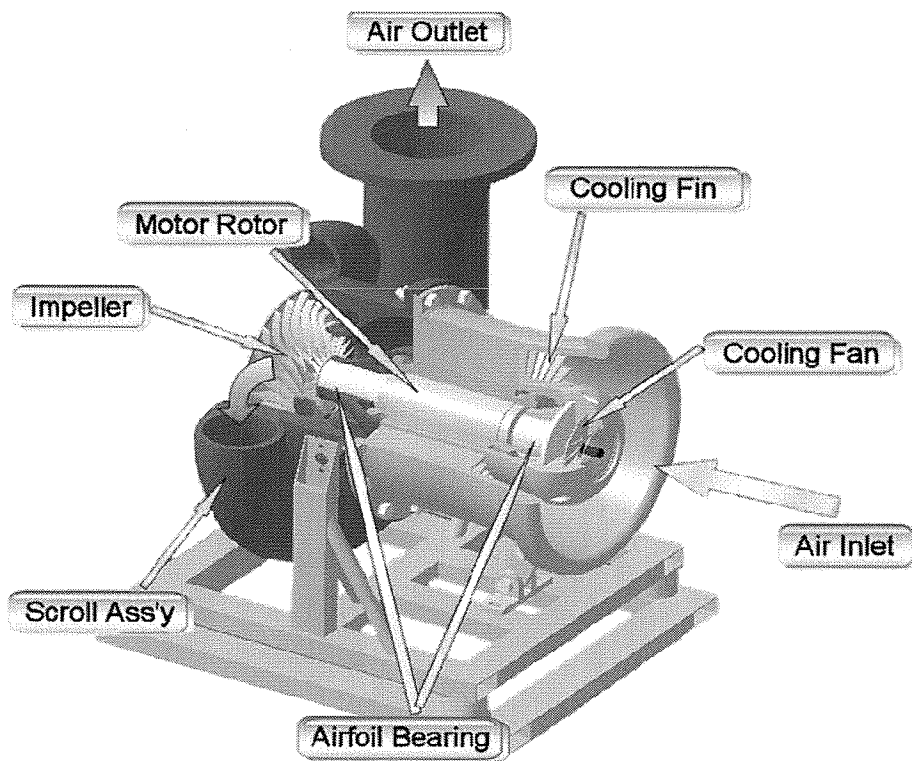
APG-Neuros Turbo Blower Scope of Supply Proposal

Derby, CT

Prepared By APGN Inc. dba APG-Neuros

May 8, 2024

Proposal Reference# 012720-4637 R1



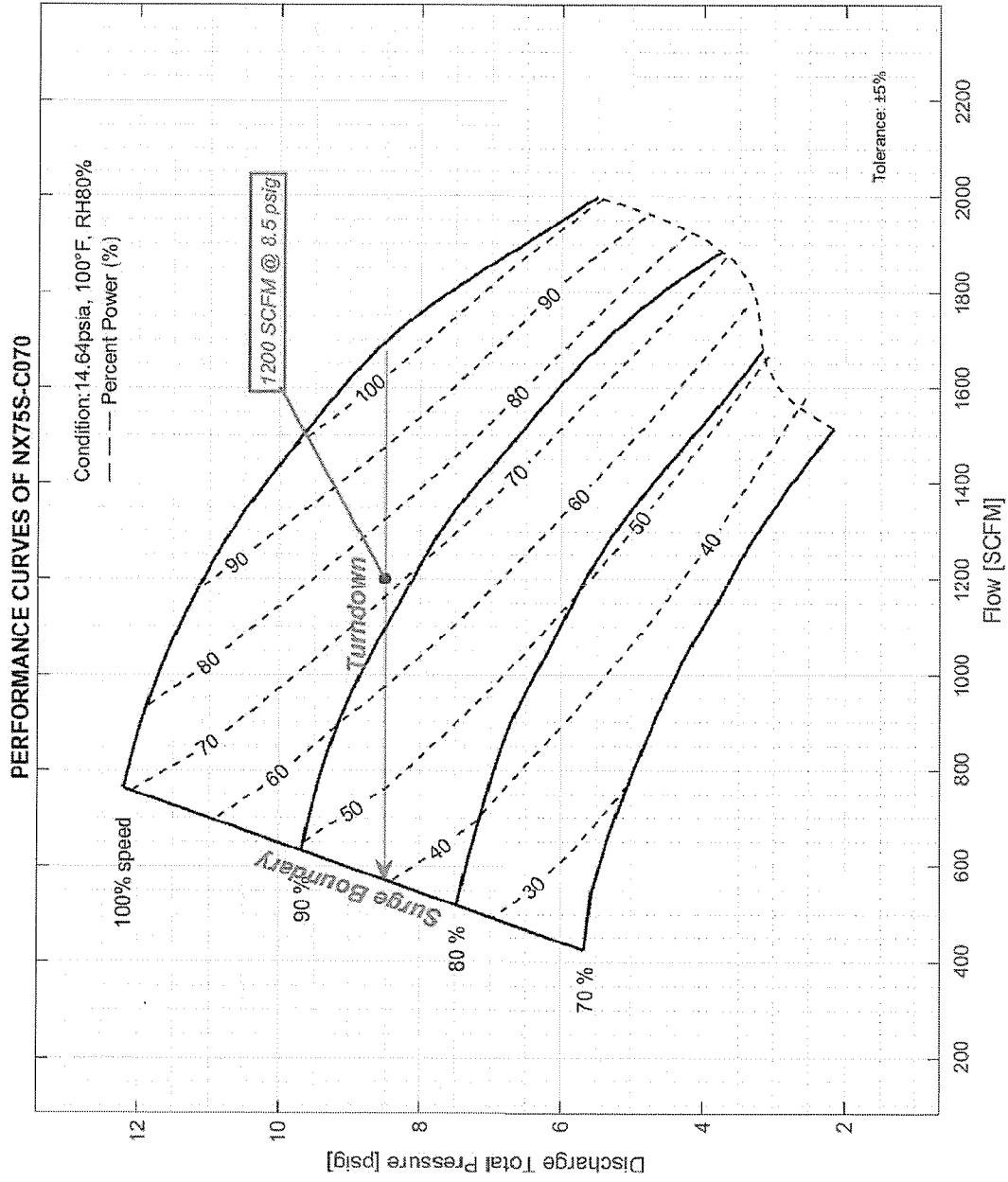
APG-Neuros Turbo Blower Core

Derby,CT - APG- Neuros Turbo Blower - Performance Data				
Ambient Conditions				
Application	Aeration			
Blower Installation Location	Indoor			
Working Fluid	Air			
Elevation	102			ft
Ambient Pressure	14.64			psia
Customer Design Requirements	DP1	DP2	DP3	
Inlet Pressure	14.64	14.64	14.64	psia
Inlet Temperature	100.0	55.0	32.0	°F
Relative Humidity	80	50	20	%
Duty Discharge Pressure	8.50	7.50	7.00	psig
System Flow Rate	1,200	1,100	600	SCFM
Flow Rate per Blower	1,200	1,100	600	SCFM
Blower Units on Duty	1	1	1	Units
Available Blower Performance				
Model	NX75S-C070			
Rated Motor Output Power	75			HP
Power @ Design Condition per Blower	52	38	22	bhp
Wire-to-Air Power @ Design Condition per Blower	44	32	18	kW
Maximum Air Flow @ Duty Discharge Pressure per Blower	1,676	1,962	2,070	SCFM
Minimum Air Flow @ Duty Discharge Pressure per Blower	570	563	550	SCFM
Turndown from Maximum to Minimum	66.0%	71.3%	73.4%	%
Discharge Temperature @ Design Condition	200.8	137.3	111.6	°F
Maximum Discharge Pressure	12.21	12.21	12.21	psig
Rise-to-Surge	3.71	4.71	5.21	psig
Note: SCFM defined at 68 Deg F, 14.696 psia and 36% relative humidity Wire power figures are reported based on ASME PTC-10 Performance Test Code standard. Noise Level : +/- 2dB				

Derby,CT - APG- Neuros Turbo Blower - Performance Data		
Dimensions and Specification		
Blower Length	61	Inches
Blower Width	30	Inches
Blower Height	59	Inches
Weight per Unit	1512	lbs.
Blower Inlet Air Entry type	Flanged	
Inlet Flange Size (Optional, if louvered inlet does not apply)	10	Inches
Discharge Flange Size	8	Inches
Maximum Noise Level @ 3 feet	80	dBA
Input Voltage/Phase/Frequency	480/3/60	V/Phase/Hz
Full Load Amperage	81	Amps

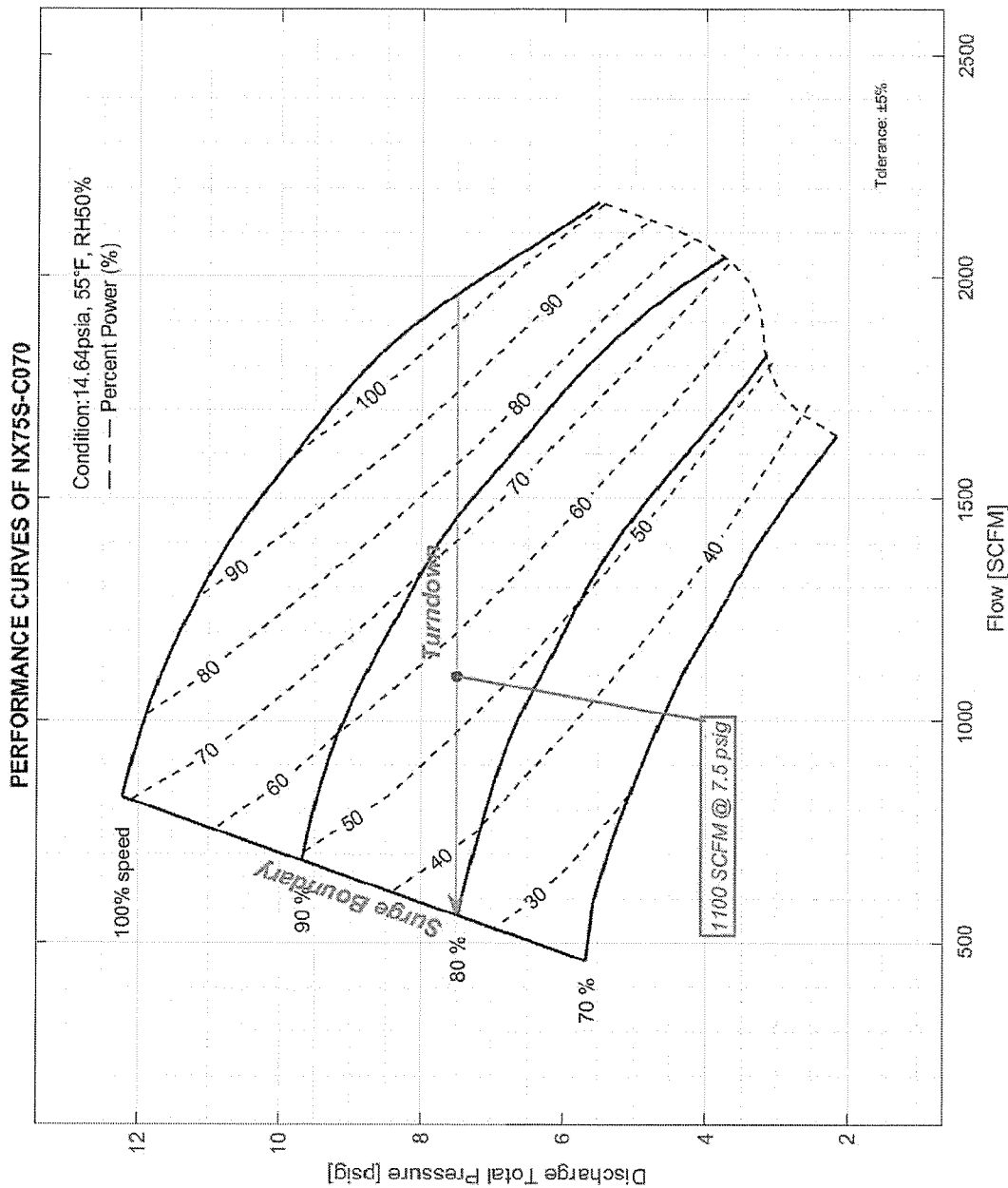


Derby, CT - APG - Neuros Turbo Blower - Performance Curves

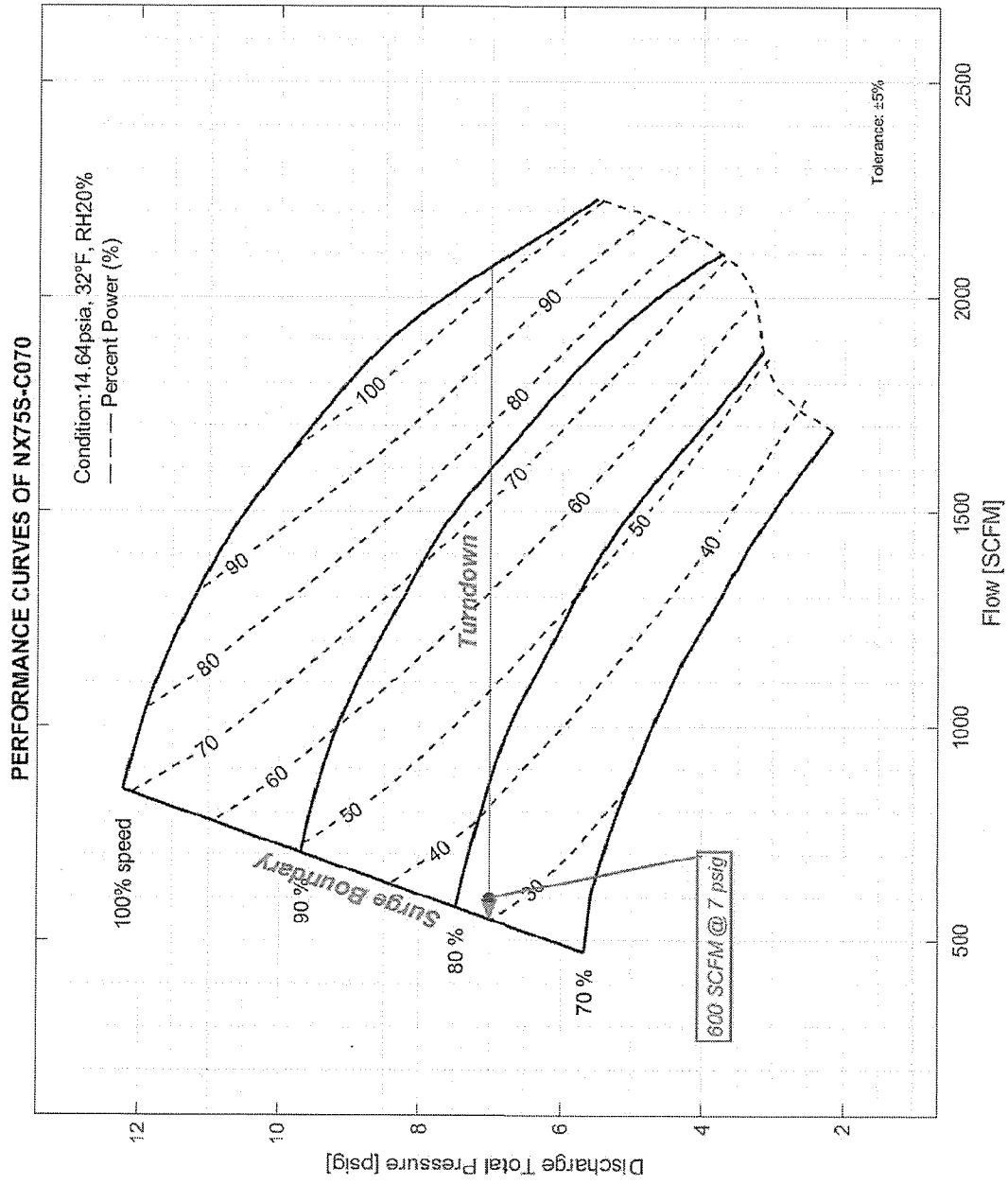


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Derby,CT - APG - Neuros Turbo Blower - Performance Curves



Derby,CT - APG - Neuros Turbo Blower - Performance Curves



8.6



Derby, CT - APG - Neuros Turbo Blower - Price & Summary

Budgetary Price (U.S. Dollars, 2024 Economy Year)

May 8, 2024

Proposal Number# 012720-4637 R1

Item	Equipment Item (See Scope for more information)	QTY	Unit Price (USD)	Total Price (USD)
1	NX75S-C070 High Speed Turbo Blower	1		
	8" Discharge Check Valve	1		
	8" Discharge Butterfly Valve	1		
	8" EPDM Discharge Duct Expansion Joint	1		
	Harmonic Filter - Installed inside the blower enclosure	1		
	Warranty One (1) Year on Blower equipment	1		
	FOB Job Site	1		
	Manufacturer Services (See Scope for more information)			
2	Start-up and Training services including travel and expenses (2 trips, 4 days)	1	Included	
	Total Price		\$ 82,800.00	\$ 82,800.00

Notes

Taxes and Duties are Not Included

Same as Appendix C of the lease agreement, additional fee of \$6000 will be required for core replacement

8.6

Derby,CT - APG - Neuros Turbo Blower - Scope of Supply

APGN Inc., agrees to sell to the Buyer, the equipment designated as included in this proposal subject to the Seller's General Terms and Conditions of Sales available upon request and special conditions outlined herein in this proposal.

1. Standard Turbo Blower Equipment (Included)

1.1 Blower Package

1. Blower Core with Permanent Magnet Synchronous Motor, Air Bearing and Forged Impeller
2. High Performance Variable Speed Drive / Inverter
3. Local Control Panel for Control and Monitoring with Allen Bradley - Compact Logix L24 PLC
4. Remote Control capability via Ethernet, LAN or Hard wiring
5. Temperature Sensors for motor, bearing, inlet and discharge air flow
6. Pressure Sensors for discharge conditions
7. Pressure Sensor and alert for air filter condition
8. Built in Flow Calculation
9. Built in Speed Measurement
10. Internal Expansion Joint
11. Internal vibration and dynamic effect Absorption Mounts
12. Line Input Reactor to maintain high power factor
13. Sinewave (Sinus) Filter
14. Built in Hi-Flow Synthetic pleated inlet air filters with 98% efficiency @ 10-microns
15. Set of pre-filters with 89% by weight per ASHRAE 52-76 and MERV 8 rating
16. Voltage Surge Protection
17. Uninterruptable Power Supply (UPS)
18. Remote Monitoring System (RMS)
19. All the component above are included in a Sound Enclosure

2. Standard Documentation (Included)

Submittal Information & Shop Drawings: PDF Electronic File

1. Bill of Material
2. Installation Drawings
3. Electrical and Control Drawings
4. Operation and Maintenance Manual
5. Commissioning Instructions

3. Standard Tests (Included)

1. Standard Blower Package Functional Acceptance Test
2. Unwitnessed Factory Performance Test
3. Witnessed Factory Performance Test to be provided extra upon request.

4. Quality Assurance and Control and Product Certification

- A. APG-Neuros Quality Assurance program is ISO 9001 certified
- B. APG-Neuros Turbo Blower is UL / CSA/ CE certified

Derby, CT - APG - Neuros Turbo Blower - Scope of Supply

5. Proposal Validity and Seller Terms and Conditions

- A. Unless otherwise specified elsewhere in the Sales Agreements, the prices in this proposal are valid for ninety (90) days from the issue date on the cover page.
- B. This proposal, unless otherwise specified herein this document, is subject to the Seller Standard Terms and Conditions available upon request.
- C. The final selling price is subject to change contingent on final scope

6. Payment Terms:

- 10% on acceptance of purchase order
 - 10% on issuance of Shop drawings
 - 40% on release for production for material procurement
 - 30% on equipment delivery to site
 - 5% on issuance of preliminary O&M Manual
 - 5% on completion of start-up and acceptance by owner
- All invoices are to be paid Net 30 days

APG-Neuros will bill if delivery does not occur within 45 days after completion of production and will store the equipment at no extra charge.

1.5% Interest charge per month will be added to past due accounts of 45 days and over

Letter of Credit listing draw of payments against above deliverables will apply for Sales outside US and Canada.

100 % of invoice amount shall be payable by bank wire transfer without deduction and to be paid Net 30 days after invoice date.

Payment shall not be dependent on the buyer being paid by any third parties or equipment acceptance by owner.

7. Delivery Lead time:

Submittal package will be provided within 1 to 2 weeks of acceptance of Order.

Shipment will be made 16-20 weeks after approval of Submittals

Add Five percent (5%) escalation to Price for each partial or full quarter that shipment is extended beyond one year after order acceptance

8. Warranty

A. Standard Warranty (INCLUDED)

One (1) year from commissioning date or Eighteen (18) months from delivery, whichever occurs first.

Warranty will begin upon successful completion of start-up and certification for full-scale operation by APG-Neuros, or Six (6) months after shipment, whichever occurs first.

Warranty begin upon completion of the project and acceptance of the equipment as determined by the Engineer or End User.

8.6

Thank you for considering APG-Neuros!

APGN, inc. (Doing business as APG-Neuros)
Business: Manufacturing, Sales, Service, Design
Products: Turbo machinery and wastewater control systems

Address:

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Manufacturing & Testing Facility

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