



Addendum No. 1

Project: **Carbon Tower – Headworks Project**

Issued by: David Lawrence, P.E., General Manager

Issue Date: 8/18/2026

This Addendum forms part of the Contract Documents and modifies the original solicitation documents as noted below. Proposers shall acknowledge receipt of this Addendum in their proposal submittal.

Questions and Responses

No.	Question	Agency Response
1	Could you advise the operating conditions, gas flow rate, relative humidity, etc.? if available gas analysis would be really helpful.	The blower runs at 5,890 CFM at 14” WC at 22.7 BHP. The motor is a 2 speed 1180/1770 rpm. The motor runs at 1180 rpm. Attached is the blower and motor nameplates and the blower curve.
2	Carbon Type: Could you please clarify if the current carbon is a granular product or a 4 mm pelletized media?	Granular, the specs are in the RPF from the original manufacturer.
3	Could you please let us know when the carbon media was last replaced?	It was last replaced approximately 4 years ago.
4	Would a job walk be possible before bids are due? The RFP lists no pre-bid meeting, but a brief site visit would help us scope the work accurately.	Yes. Please see the revised RFP schedule below.
5	Could you provide photos of the tower and site access area (loading/staging location, truck access)? This would help us plan for vacuum truck logistics if a job walk isn't feasible.	Attached.
6	Is there a target completion timeframe you're expecting for this project? The contract template leaves the number of days blank for the contractor to propose, so we want to make sure our schedule lines up with your operational needs.	45-60 days.

7	Do you have any existing waste characterization data on the spent carbon (hazardous vs. non-hazardous)? This affects our disposal planning and cost estimate.	No.
---	---	-----

Contract Document Revisions

Clarifications and Additions

1. Please see attached photos.
2. Contractor shall submit product data prior to installation for review and approval by the Agency.
3. Contractor shall submit weight tickets for carbon.
4. A non-mandatory pre-bid meeting will be held on August 24, 2026 at 10:00 a.m. at 121 Palomino Drive, Big Bear City, CA 92314.
5. The question period will be extended to 2:00 p.m. on August 27, 2026.
6. Bids will still be due at 2:00 p.m. on September 8, 2026.

Plan Revisions

None.

Acknowledgement of Receipt

The undersigned acknowledges receipt of Addendum No. 1 and confirms that the requirements of this Addendum have been incorporated into the proposal submitted.

Firm Name: _____

Authorized Representative (Printed Name): _____

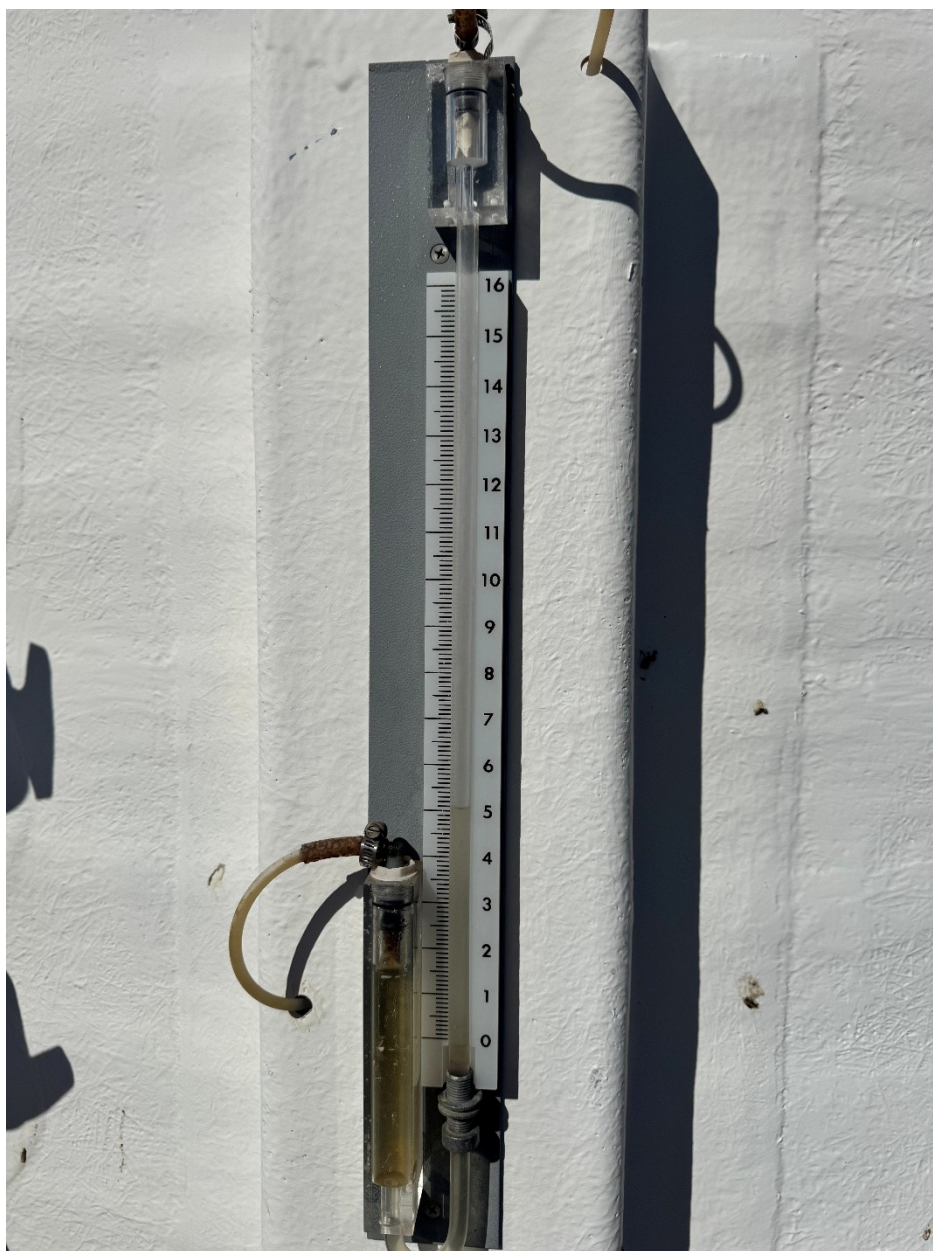
Signature: _____

Title: _____

Date: _____



Carbon Tower – Headworks Project
Addendum No. 1



Carbon Tower – Headworks Project
Addendum No. 1



Carbon Tower – Headworks Project
Addendum No. 1



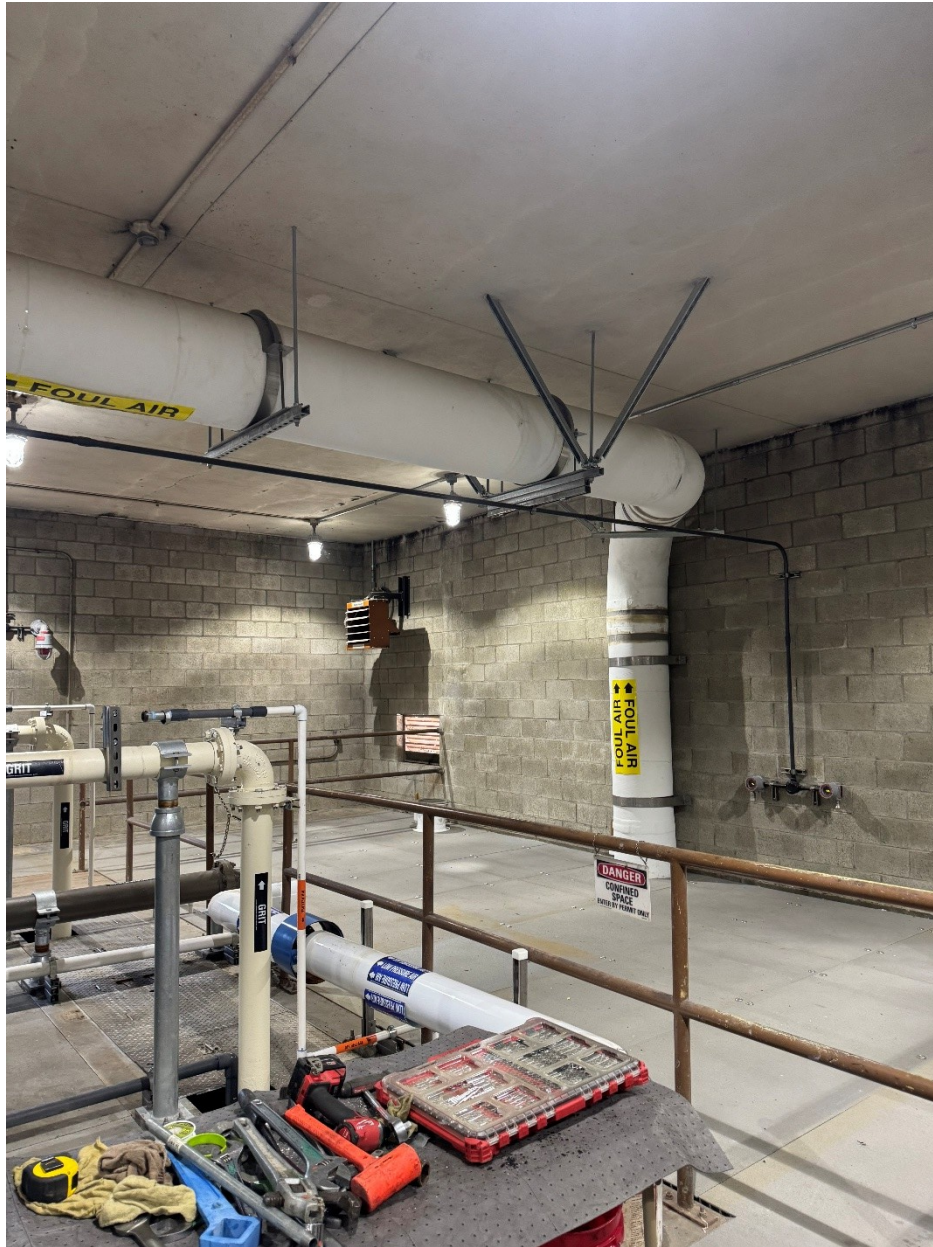
Carbon Tower – Headworks Project
Addendum No. 1



Carbon Tower – Headworks Project
Addendum No. 1



Carbon Tower – Headworks Project
Addendum No. 1



Carbon Tower – Headworks Project
Addendum No. 1





The New York Blower Company
Fan-to-Size
Fan Selection Detail

Project: J06398-100-1993

Fan Design

Product: FRP Fume Exhauster Design xx0
 Type: Backward-Inclined
 Size: 24
 Fan Class: N/A
 Wheel Type: Backward Inclined (high pressure: HP) - HP
 Wheel Material: FRP
 Wheel Weight: 58.0 lb
 Wheel WR²: 21 lb-ft²
 Percent Width: 100%
 Percent Diameter: 100.0%
 Outlet Area: 3.45 sq. ft.
 Options: None
 Warnings: **Within 5% of Peak Pressure**
 Axial thrust load is 287.2 lbf.

Calculation Mode: Find Speed

Drive Type: Belt
 Arrangement: 1
 Outlet Velocity: 1707 ft/min
 Static Efficiency: 57.25%
 Total Efficiency: 57.8%
 Operating Temp: 70° F
 Maximum Temp: 70° F
 Maximum Speed: (1) 3000 RPM
 Velocity Pressure: 0.142 in wg
 Fan Static Pressure: 14 in wg
 Fan Total Pressure: 14.1 in wg
 Altitude: 6717 ft

Conditions (Actual Volume; Fan Static Pressure)

	Flow	Pressure	Power	Speed	Speed Limit (2)	Density	Altitude	Inlet Temp.
	<u>ACFM</u>	<u>in wg (FSP)</u>	<u>bhp</u>	<u>rpm</u>	<u>rpm</u>	<u>lb/ft³</u>	<u>ft</u>	<u>f</u>
Operating	5890	14	22.7	2754	3000	0.0585	6717	70
Cold	5890	14	22.7	2754	3000	0.0585	6717	70
Standard	5890	17.9	29.1	2754	3000	0.0750	0	70

(1) Speed Limit at Maximum Temperature (2) Speed Limit at indicated Inlet Temperature

My Sales Representative

M & P Air Components, Inc.
 PO Box 5040 Huntington Beach, CA 92615, USA
 (P) 714.960.0684
 sales@mpair.com



The New York Blower Company
Fan-to-Size
Fan Selection Detail

Project: J06398-100-1993

Sound Power Level Ratings

Sound power and sound pressure levels are shown in decibels. (Power levels reference 10-12 watts and pressure levels reference 2x10⁻⁷ microbar.) Sound power ratings are calculated per AMCA Standard 301. Ratings do not include the effects of duct end correction. Sound levels do not include motors or drives. Pressure levels are estimated. A-weighting is per ANSI S.1.42-2001 (R2011).

Fan Sound

Center Freq (Hz)	63	125	250	500	1000	2000	4000	8000	Overall
Octave	1	2	3	4	5	6	7	8	
Inlet Total Power, dB	115	108	106	102	98	96	92	86	116
Point of Operation	4	3	4	1	0	-2	0	1	
A-Weighting	-26.2	-16.1	-8.6	-3.2	0	1.2	1	-1.1	
Convert To Pressure	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	
Inlet Total Pressure, dBA	81	84	90	89	86	83	81	74	94
Outlet Total Power, dB	115	108	106	102	98	96	92	86	116
Point of Operation	4	3	4	1	0	-2	0	1	
A-Weighting	-26.2	-16.1	-8.6	-3.2	0	1.2	1	-1.1	
Convert To Pressure	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	
Outlet Total Pressure, dBA	81	84	90	89	86	83	81	74	94
Fan Total Power, dB	118	111	109	105	101	99	95	89	119
Point of Operation	4	3	4	1	0	-2	0	1	
Housing Radiated Noise	-7	-8	-9	-12	-11	-10	-9	-9	
A-Weighting	-26.2	-16.1	-8.6	-3.2	0	1.2	1	-1.1	
Convert To Pressure	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	-11.5	
Fan Total Pressure, dBA	77	79	84	80	78	76	75	68	88

Directivity/Reflection is a hemispherical radiation (Q = 2); Distance is 5 ft.

At 5 ft, the estimated sound pressure level:

1. outside the fan due to an open inlet OR outlet is 94 dBA.
2. housing radiated noise when inlet and outlet are ducted away from listening point is 88 dBA.

The sound power and pressure levels displayed here are estimated values based on tests and ratings conducted in accordance with AMCA standards 300 and 301. AMCA does not certify any of these ratings.



The New York Blower Company
Fan-to-Size
Fan Selection Detail

Project: J06398-100-1993

Product: FRP Fume Exhauster Design xx0

Material: FRP

Fan Size: 24

Arrangement: 1

Wheel Type: Backward Inclined (high pressure: HP) - HP

Options: None

Actual Volume Flow Rate: 5890 ACFM

Fan Static Pressure: 14 in wg

Speed: 2754 rpm

Power: 22.7 bhp

Inlet Temperature: 70 °f

Altitude: 6717 ft

Density: 0.0585 lb/ft3

Outlet Velocity: 1707 ft/min

