

**A G E N D A**  
**WORK SESSION MEETING**  
**City of Moberly**  
**April 20, 2020**  
**6:00 PM**

**Requests, Ordinances, and Miscellaneous**

1. Discussion to review and discuss receipt of bids to install exhaust systems at both Moberly Fire Stations

# City of Moberly City Council Agenda Summary

Agenda Number: \_\_\_\_\_  
 Department: Fire  
 Date: April 20, 2020

WS #1.

**Agenda Item:** To review and discuss receipt of bids to install exhaust systems at both Moberly Fire Stations

**Summary:** The City Moberly recently received two bids to install diesel exhaust systems at both stations.

**Recommended**

**Action:** Accept bids

**Fund Name:** General Fund

**Account Number:** 100.008.5300

**Available Budget \$:** 55,838.41

ATTACHMENTS:	Roll Call	Aye	Nay
___ Memo			
___ Staff Report			
___ Correspondence			
___ Bid Tabulation			
___ P/C Recommendation			
___ P/C Minutes			
___ Application			
___ Citizen			
___ Consultant Report			
___ Council Minutes			
___ Proposed Ordinance			
___ Proposed Resolution			
___ Attorney's Report			
___ Petition			
___ Contract			
___ Budget Amendment			
___ Legal Notice			
___ Other _____			
	<b>Mayor</b>		
	M___ S___ <b>Jeffrey</b>	___	___
	<b>Council Member</b>		
	M___ S___ <b>Brubaker</b>	___	___
	M___ S___ <b>Kimmons</b>	___	___
	M___ S___ <b>Davis</b>	___	___
	M___ S___ <b>Kyser</b>	___	___
		Passed	Failed

**Emergency Dial 911**  
**Station #1 660-269-8705 EXT 2035**  
**Fax# 660-263-0596**  
**E-mail [galbert@moberlyfd.com](mailto:galbert@moberlyfd.com)**  
**Station #2 660-263-4121**

**310 N. Clark**  
**Moberly, MO 65270-1520**  
**Fire Chief**  
**George Albert**

March 26, 2020

The City of Moberly Fire Department is looking to install sliding track vehicle exhaust removal systems at our Stations located 310 N. Clark and 1000 N. Morley. The systems shall meet the following specifications, and will be installed and placed into proper operating condition in accordance with good practice and manufacturer's written or published instructions.

1. Contractor shall provide all labor, materials, and equipment necessary to put in working operation a complete turnkey system to remove both diesel and automotive exhaust gases and particulate of operating vehicles within the confines of specified fire station(s).
2. The exhaust removal system shall provide virtually 100 percent complete evacuation of all diesel fumes at the source from start up to exit of the apparatus from the fire station. The diesel exhaust removal system shall be capable of delivering complete coverage for bays up to 60 feet (18.3M) in length. The system must be able to accommodate drive through and back-in bays to meet all the needs of the fire department.
3. System must be designed and installed to NIOSH recommendation, specifying that occupational exposures to carcinogens be limited to the lowest feasible concentration. Exposure in the human breathing zone should be limited to lowest feasible level, without any time delay required for the system to effectively capture the diesel fumes.
4. System shall be NFPA Apparatus Code 1901, Section 12.2.6.6 compliant. This is considered a life safety issue – No Exceptions.
5. The system shall not affect personnel boarding the apparatus. Hose loops shall not hang any lower than six feet from the bay floor. The hose assembly shall not come into contact with the vehicle other than one connection point to the vehicles tailpipe.
6. Due to the harmful effects of diesel exhaust, the system must be designed and capable of capturing virtually 100% of the exhaust gas and virtually 100% of the particulate even in the event of a complete power failure. The system shall not detach itself from the apparatus for any reason during a power failure other than normal exiting of the apparatus bay. System shall discharge exhaust outside the station even in the event of a power failure.

#### Quality Assurance

1. Engage a factory certified installer to perform work of this Section who has completed installations similar design and extent to that indicated for this Project, and who has a record of successful in-service performance. Exceptions.
2. The manufacturer must be a ISO 9001:2000 certified

### Bidder Qualifications

1. Bids will only be accepted from companies that have an established reputation in the business of system design, turnkey installation and long-term service of Automatic Emergency Response Vehicle Exhaust Removal Systems. Bidder must have a current and valid state contractor's license, if required by the state for the work that is being bid.

### Manufacturers Qualifications

1. Bids shall only be accepted by bidders supplying equipment from manufacturers that have an established reputation in the business of manufacturing Automatic Emergency Response Vehicle Exhaust Removal Systems for a minimum of no less than fifteen (15) years. The manufacturer must be an ISO 9001:2000 Certified in the United States.

### Electrical Controller

1. Controller: Built and supplied by a UL recognized and listed exhaust system manufacturer. Controller shall carry the UL - CUL listing label as an "Enclosed Industrial Control Panel." Individual components listed by UL - CUL shall not satisfy the above requirement. Manufacturer shall undergo monthly inspections by UL to verify all requirements and standards are met as outlined by UL. The controller shall be delivered as an Operating System Three series controller or an approved equal to the specifications to follow.
2. Electrical Wiring: Run in wire channel to allow for easier identification of the wiring circuits and for a neat appearance. All wiring circuitry shall meet National Electric Code and UL standards for proper size, bending radiuses (NEC code ref. 300-34) and terminations.
3. Product Manual: Shall be provided with each electrical control box supplied. The product manual shall include description of components with part numbers inclusive to the controller. It shall include a wiring schema showing all internal circuitry as well as all field installed wiring connections to the controller.
4. Electrical Interference: To protect the apparatus and communications, designs that allow any possibility of electrical back-feed or induced current which may interfere with a central services communication or onboard vehicle computer logic or navigational equipment will not be accepted.

### Electrical System

1. Station Electric Supply Panel: The power circuit for the "Emergency Response Vehicle Exhaust Removal System" shall originate in a circuit breaker panel board of the appropriate size to handle the load. Fan circuit shall be supplied by a UL listed, HACR rated circuit breaker (HACR rating is specifically for motor type loads) of the same type as indicated by the manufacturer of the circuit breaker panel or a dual element time delay fuse for fuse style panels. The circuit shall be clearly marked on an engraved ledger plate or in ink on the panel schedule as "Emergency Response Vehicle Exhaust Removal System".
2. Pressure Switch: One for each apparatus connected to the system. The pressure switch shall operate at a maximum of 24VAC, pre-calibrated at .18 in. of water column. Mounting shall be accomplished by drilling a 3/8 inch (9.5 mm) hole 3 inches 76.2 mm) above the riser bracket and to the left of the regulator and threading the switch into the duct. The electrical connections shall be made with a 0.020 inch (.5 mm) by 0.187 inch (4.8 mm) female quick disconnect terminals, such as Thomas & Betts part no. 14RBD-18277 or equivalent.

**INSTALLATION**

1. Install vehicle exhaust system in accord with manufacturer's written instructions, original design and referenced standards

**ADJUSTING**

1. Adjust vehicle exhaust system for proper operation. Replace any parts that prevent the system from operating properly.

**PROTECTION**

1. Provide protection of the completed installation until completion of the project. Repair any damage at no additional cost to Owner.

**TRAINING**

1. Provide training to fire department personnel in the daily use and maintenance of the vehicle exhaust removal system that has been installed and specified herein. The fire department shall be notified at least 7 days prior to the date scheduled for the training course. Training shall be for all personnel involved with the operation of the exhaust removal system to include all shifts required to man the particular facility. The Training session shall be performed in person by a recognized representative of the manufacturer of the exhaust removal system, in addition a training video shall be provided to the fire department.
  1. Provide training to all shifts during their normal shift period.

**WARRANTY**

Provide a written warrantee for a period of three (3) years from date of shipment for all components. One year on-site service to be provided by factory certified installer.



# CLASSIFIEDS

## BIDS/PROPOSALS

Advertisement for Bids Vehicle Exhaust Removal systems The City of Moberly is requesting sealed bids for Vehicle Exhaust Removal Systems for both Fire Stations. The bids will be accepted until 10:00 a.m. on April 13, 2020. The bid shall be submitted in a sealed envelope clearly marked with "Fire Department Exhaust Removal Systems", the bidder's name, and the date and time for the bid opening clearly and legibly marked on the outside. The City reserves the right to accept or reject any and all bids. Submit bids to Kay Galloway, City Clerk, Moberly City Hall, 101 West Reed Street, Moberly, MO 65270. Interested in submitting bid, please contact Kay Galloway, City Clerk for bid sheet. For Specific information contact George Albert, Moberly Fire Chief by email at galbert@moberlyfd.com or call 660-269-7635.

## PUBLIC NOTICE

The U.S. Department of Commerce, Economic Development Administra-

tion (EDA) is considering a request for Federal assistance from the City of Moberly for the design and construction of a storm water storage facility and a single-story parking structure that resides directly above the storage facility in the City of Moberly. Pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended, EDA is conducting an environmental assessment (EA) of the proposed project. The proposed project located in Moberly's Downtown District consists of the construction of a 0.50 million gallon (MG) storage facility designed and operated to capture excess storm water flow associated with the two-year, 24-hour return period storm. The parking structure will be designed with foundations that accommodate the storage facility underground. Project information is available for review at 101 W. Reed Street, Moberly, MO 65270. If you have any information regarding potential environmental impacts associated with this proposed project, please provide it in writing to:

Regional Environmental Officer, US Department of Commerce Economic Development Administration, Denver Region, 1244 Speer Blvd Ste 431 Denver, Colorado 80204 Comments received in the EDA Regional Office by 4:00 pm on April 28, 2020 will be considered. A copy of the NEPA decisional document will be available upon request at the above EDA Regional Office. PUBLISH TWO TIMES IN THE SATURDAY, MARCH 28, 2020 AND WEDNESDAY, APRIL 1, 2020 NEWSPAPERS. AFFIDAVIT REQUIRED UPON COMPLETION.

## NO HUNTING

All person are hereby notified that the land listed below is posted by persons owning or renting said land. Hunting with dog, gun, trap or snare, nut gathering or any other trespassing is absolutely forbidden under the penalty of prosecution of law. Get permission or suffer the consequences. John F. Carmody Jr.....12/21



PAID ADVERTISEMENT

# OVERSTOCK FLASH SALE!



Thank you Missouri - for being a MyPillow customer. I have an overstock of MyPillow Premium Classic pillows in 4 loft levels and I want to pass the savings on to you. Also, use the promo code below to get deen dis-

**DON  
BE S**



April 9, 2020

Kay Galloway, City Clerk  
City of Moberly  
101 West Reed Street  
Moberly, MO 65270

Regarding Bid Specifications – Fire Department Exhaust Removal System

Quality Assurance: Air Cleaning Technologies, Inc. meets all of these requirements.

Bidder Qualifications: Air Cleaning Technologies, Inc. meets all of these requirements.

Manufacturers Qualifications: Plymovent Corp. meets all of these requirements.

Electrical Controller: Air Cleaning Technologies, Inc. & Plymovent Corp. meet all of these requirements.

Electrical System: Air Cleaning Technologies, Inc. & Plymovent Corp. surpass all of these requirements. Instead of the pressure sensor, we will provide a wireless transmitter system that is connected to the vehicles' switchable 12 volt power source – thereby eliminating the need for the exhaust system to be started by the output pressure of the engine tailpipe.

Installation: Air Cleaning Technologies, Inc. meets all of these requirements.

Adjusting: Air Cleaning Technologies, Inc. meets all of these requirements. We have been selling, installing and adjusting or repairing the Plymovent system for almost 25 years!

Protection: Air Cleaning Technologies, Inc. meets all of these requirements.

Training: Air Cleaning Technologies, Inc. will meet all of these requirements.

Warranty: Air Cleaning Technologies, Inc. will meet all of these requirements.



Robby D. Smith, President

**Air Cleaning Technologies, Inc. partial customer list of  
Fire Departments currently using the  
Plymovent Magnetic Nozzle system**

Over the past 24 years, Air Cleaning Technologies, Inc. has installed the Plymovent system [Pneumatic and Magnetic] in over 270 stations in KS, NE, IA, MO & (7 counties in IL)

1. Kansas City, KS Fire Dept. 13 Stations
2. Topeka, Fire Dept. 11 Stations
3. Excelsior Springs, MO FPD 1 Stations
4. Litchfield, IL Fire Dept. 2 Stations
5. St. Charles, MO Fire Dept. 3 Stations
6. Belleville, IL Fire Dept. 4 Stations
7. Galena, KS Fire Dept. 1 Station
8. Lebanon, MO Fire Dept. 2 Stations
9. St. Joseph, MO Fire Dept. 8 Stations
10. Cedar Rapids, IA Fire Dept. 9 Stations
11. North Liberty, IA Fire Dept. 1 Station
12. Eudora, KS Fire Dept. 1 Station
13. Marshalltown, IA Fire Dept. 1 Station
14. Kansas City, MO Fire Dept. 2 Stations (converting over 33 stations)
15. Leavenworth, KS Fire Dept. 3 Station
16. Central Co. FPD, St. Peters, MO 5 Stations
17. Missouri ANG, Rosecrans ARFF 1 Station
18. O'Fallon, MO FPD 4 Stations
19. Leawood, KS Fire Dept. 3 Stations
20. Prairie Township FPD, Lee's Summit 1 Stations
21. Rock Community FPD 2 Stations
22. Edwardsville, IL FD 3 Stations
23. Omaha, NE FD 6 stations (converted to magnetic from pneumatic)
24. Coffeyville, KS FD 1 Station
25. Salina, KS FD 1 Station (other 4 stations have pneumatic Grabber)
26. Springfield, MO Fire Dept. 11 Stations, 18 vehicles
27. Pattonville Fire Prot. Dist., MO 3 Stations, 6 vehicles
28. **\*\*All Stations in the City of Lincoln NE Fire Dept. – Converted to Plymovent Magnetic Nozzles from competitor\*\***
29. Glen Carbon, IL FD – Converted whole system to Plymovent Magnetic Nozzle system in main station. Subsequently, they had Plymovent Installed in their new Station #2

# Air Cleaning Technologies, Inc.

221 Oak Street Bonner Springs, KS 66012-1028

Ph. 913-422-0091 Fax: 913-422-0093

www.aircleaningtech.net

Providing Clean Air in the Workplace!

~~Sales Quotation~~

WS #1.

George Albert, Fire Chief  
Moberly Fire Dept.  
310 N. Clark St.  
Moberly, MO 65270  
Phone: (660) 269-8705

**BID**

Salesperson: Rory Smith

Quote Number: 203820

Date 4/7/2020

Quote Expires on: 12/31/2020

Mfgr.	Part #	Description	Price	Qty	Extend
		Plymovent Source Capture Exhaust Removal System <i>A Plymovent Source Capture System Meets or Exceeds the following standards:</i>  OSHA (Occupational Safety & Health Administration) - <i>"install local exhaust ventilation that removes harmful fumes at their source - hose to tailpipe or stack exhaust"</i>			
Plymovent	SBTA21-MG	Sliding Balancer Track, HT lower hose, Magnetic Nozzle.	\$0.00	3	\$0.00
Plymovent	TEV-5	5hp TEV style fan. 208-230V, 3 phase fan. 10" dia. inlet	\$0.00	1	\$0.00
Plymovent	OS3-5	Operation Control Box for 5hp fan: Wireless Transmitters (qty. 3) Wireless Receiver (qty.1)	\$0.00	1	\$0.00
A.C.T.		Installation of New Plymovent System: - Labor/ Lodging - Supports / Bracing - Spiral Ductwork & fittings - Electrical Connections - Freight - Tailpipe Modifications	\$0.00	1	\$0.00
A.C.T.	Warranty	All PlymoVent Equipment is covered under a three year warranty on ALL parts associated with the exhaust system (exclusions include obvious misuse and/or abuse, electrical surges or brown-outs, etc.). On-site local service is provided for One (1) year Not including: permits, bid bonds, etc.	\$0.00	1	\$0.00
<b>Total:</b>			\$26,100.00	1	\$26,100.00

Rory D. Smith, President.



Mfgr.	Part #	Description	Price	Qty	Exte	WS #1.

I accept the terms and conditions of this quotation.

Signed: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ P.O. # \_\_\_\_\_

11

Sub-Total	\$26,100.00
Tax	
<b>Total</b>	<b>\$26,100.00</b>

# Air Cleaning Technologies, Inc.

221 Oak Street Bonner Springs, KS 66012-1028

Ph. 913-422-0091 Fax: 913-422-0093

www.aircleaningtech.net

Providing Clean Air in the Workplace!

~~Sales Quotation~~

WS #1.

George Albert, Fire Chief  
Moberly Fire Dept.  
310 N. Clark St.  
Moberly, MO 65270  
Phone: (660) 269-8705

**BID**

Salesperson: Rory Smith

Quote Number: 203844

Date 4/7/2020

Quote Expires on: 12/31/2020

Mfgr.	Part #	Description	Price	Qty	Extend
		<b>Station #2</b>			
		Plymovent Source Capture Exhaust Removal System			
		<i>A Plymovent Source Capture System Meets or Exceeds the following standards:</i>			
		<i>OSHA (Occupational Safety &amp; Health Administration) - "install local exhaust ventilation that removes harmful fumes at their source - hose to tailpipe or stack exhaust"</i>			
Plymovent	SBTA21-MG	Sliding Balancer Track, HT lower hose, Magnetic Nozzle.	\$0.00	2	\$0.00
Plymovent	TEV-3	3hp TEV style fan. 208-230V, 1 phase fan. 8" dia. inlet (this fan is designed for up to 3 vehicles running at one time - future station)	\$0.00	1	\$0.00
Plymovent	OS3-3	Operation Control Box for 3hp fan: Wireless Transmitters (qty. 2) Wireless Receiver (qty.1)	\$0.00	1	\$0.00
A.C.T.		Installation of New Plymovent System: - Labor/ Lodging - Supports / Bracing - Spiral Ductwork & fittings - Electrical Connections - Freight - Tailpipe Modifications	\$0.00	1	\$0.00
	Sub-Panel	Additional Sub-Panel needed.	\$0.00	1	\$0.00
A.C.T.	Warranty	All PlymoVent Equipment is covered under a three year warranty on ALL parts associated with the exhaust system (exclusions include obvious misuse and/or abuse, electrical surges or brown-outs, etc.). On-site local service is provided for One (1) year Not including: permits, bid bonds, etc.	\$0.00	1	\$0.00
		<b>Total:</b>	\$16,800.00	1	\$16,800.00

Rory D. Smith, President



Mfgr.	Part #	Description	Price	Qty	Ext
WS #1.					

I accept the terms and conditions of this quotation.

Signed: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ P.O. # \_\_\_\_\_

<b>Sub-Total</b>	\$16,800.00
<b>Tax</b>	
<b>Total</b>	\$16,800.00

## SBTM Base Bid Proposal

**DATE:** April 13, 2020

**PROPOSAL FOR:** City of Moberly  
101 West Reed Street  
Moberly, Missouri 65270

**ATTENTION:** Kay Galloway, City Clerk/City Hall

**REF:** Fire Department Vehicle Exhaust Removal Systems-Stations #1 & #2

**PROJECT SCOPE:** Provide and install a fully automatic MagneGrip™ Diesel Exhaust Extraction System for the source capture and the removal of vehicle exhaust emissions from Apparatus' start up to door threshold.

### EQUIPMENT, MATERIAL AND LABOR PRICE:

#### Station #1:

Three Drop MagneGrip™ Sliding Balancer Track Exhaust Removal System  
Package Includes:

- (3) SBTM-241-05 24' Sliding Balancer Track with standard box-loc track and spring balancer with 5" high temperature hose drop, complete with MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and Adaptor assembly that provides easy connection and cool air induction per track. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle.
- (1) CF363-3 MagneGrip™ Exhaust Fan with durable powder coating and of continuous welded construction throughout. Fan has an efficient backward incline, spark resistant fan wheel and is rated at 3hp 2100 cfm @ 6" sp, meets AMCA #2 standard and bench balanced to ANSI Standard for stability. Fan shall be wired for three-phase.
- (1) 500177-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500157-10 10" Up-blast Back Draft Damper Type Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.



- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems
- Shipping to Job Site, Included
- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #1 BASE BID PRICE .....\$34,087.00**

**Station #2:**

Two Drop MagneGrip™ Sliding Balancer Track Exhaust Removal System  
Package Includes:

- (2) SBTM-241-05 24' Sliding Balancer Track with standard box-loc track and spring balancer with 5" high temperature hose drop, complete with MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and Adaptor assembly that provides easy connection and cool air induction per track. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle.
- (1) 500104-02 Fan, 2HP-1PH 6sp @ 990
- (1) 500174-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500152-01 6" Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.
- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems
- Shipping to Job Site, Included



# MagneGrip Group

A DIVISION OF CLEAN AIR CONCEPTS

WS #1.

- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #2 BASE BID PRICE** .....\$26,445.00

**TOTAL BASE BID PRICE**.....\$60,532.00

**TERMS:**

- Pricing does not include roof curb, penetration or sealing, if required.
- Pricing does not include any state taxes, sales tax or special tax if required.
- Net Due upon completion of project.

(Moberly, MO SBTM Bid Proposal dated 4-13-2020)

**SUBMITTED BY:**

Clean Air Concepts



Maggie Rossman-Roach, President

4/8/2020

Date

**ACCEPTED BY:**

Company: \_\_\_\_\_

Print: \_\_\_\_\_

Sign: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

PO #, If Required: \_\_\_\_\_



## MagneGrip Model SFT System

WS #1.

The Model SFT is a “no loop” hose track system that is ideal for tight quarters and provides a very neat, clean appearance. The horizontal hose expands to the door and eliminates the need for long hoses and loops. The SFT System provides an especially smooth and controlled release not always found in other systems.



## SFTM Alternate #1 Recommended Bid Proposal

**DATE:** April 13, 2020

**PROPOSAL FOR:** City of Moberly  
101 West Reed Street  
Moberly, Missouri 65270

**ATTENTION:** Kay Galloway, City Clerk/City Hall

**REF:** Fire Department Vehicle Exhaust Removal Systems-Stations #1 & #2

**PROJECT SCOPE:** Provide and install a fully automatic MagneGrip™ Diesel Exhaust Extraction System for the source capture and the removal of vehicle exhaust emissions from Apparatus' start up to door threshold.

### EQUIPMENT, MATERIAL AND LABOR PRICE:

#### Station #1:

Three Drop MagneGrip™ Expandable "Slinky" Hose Track Exhaust Removal System  
Package Includes:

- (3) SFTM-301 30' Horizontal Hose Track "No Loop System" with 6" expandable hose and 5" high temperature hose drop, complete with MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and Adaptor assembly that provides easy connection and cool air induction per track. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle.
- (1) CF363-3 MagneGrip™ Exhaust Fan with durable powder coating and of continuous welded construction throughout. Fan has an efficient backward incline, spark resistant fan wheel and is rated at 3hp 2100 cfm @ 6" sp, meets AMCA #2 standard and bench balanced to ANSI Standard for stability. Fan shall be wired for three-phase.
- (1) 500177-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500157-10 10" Up-blast Back Draft Damper Type Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.



- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems
- Shipping to Job Site, Included
- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #1 SFTM PRICE.....\$36,996.00**

**Station #2:**

Two Drop MagneGrip™ Expandable "Slinky" Hose Track Exhaust Removal System  
Package Includes:

- (2) SFTM-301 30' Horizontal Hose Track "No Loop System" with 6" expandable hose and 5" high temperature hose drop, complete with MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and Adaptor assembly that provides easy connection and cool air induction per track. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle
- (1) 500104-02 Fan, 2HP-1PH 6sp @ 990
- (1) 500174-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500152-01 6" Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.
- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems



- Shipping to Job Site, Included
- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #2 SFTM PRICE.....\$28,408.00**

**TOTAL SFTM PRICE.....\$65,404.00**

**TERMS:**

- Pricing does not include roof curb, penetration or sealing, if required.
- Pricing does not include any state taxes, sales tax or special tax if required.
- Net Due upon completion of project.

(Moberly, MO SFTM Bid Proposal dated 4-13-2020)

**SUBMITTED BY:**

**ACCEPTED BY:**

Clean Air Concepts

Company: \_\_\_\_\_

Maggie Rossman-Roach  
Maggie Rossman-Roach, President

Print: \_\_\_\_\_

4/8/2020  
Date

Sign: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

PO #, If Required: \_\_\_\_\_





## SSRM Alternate #2 Bid Proposal

**DATE:** April 13, 2020

**PROPOSAL FOR:** City of Moberly  
101 West Reed Street  
Moberly, Missouri 65270

**ATTENTION:** Kay Galloway, City Clerk/City Hall

**REF:** Fire Department Vehicle Exhaust Removal Systems-Stations #1 & #2

**PROJECT SCOPE:** Provide and install a fully automatic MagneGrip™ Diesel Exhaust Extraction System for the source capture and the removal of vehicle exhaust emissions from Apparatus' start up to door threshold.

### EQUIPMENT, MATERIAL AND LABOR PRICE:

#### Station #1:

Three Drop MagneGrip™ Straight Suction Rail Exhaust Removal System  
Package Includes:

- (3) SSRM-601 60' Suction Rail systems complete with 5" inch high temperature hose, with (1) Trolley Assembly with external guide wheels, (1) MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and (1) Adaptor assembly that provides easy connection and cool air induction per rail. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle.
- (1) CF363-5 MagneGrip™ Exhaust Fan with durable powder coating and of continuous welded construction throughout. Fan has an efficient backward incline, spark resistant fan wheel and is rated at 5hp 3300 cfm @ 6" sp, meets AMCA #2 standard and bench balanced to ANSI Standard for stability. Fan shall be wired for three-phase.
- (1) 500179-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500157-12 12" Up-blast Back Draft Damper Type Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.



- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems
- Shipping to Job Site, Included
- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #1 SSRM PRICE .....\$51,575.00**

**Station #2:**

Two Drop MagneGrip™ Straight Suction Rail Exhaust Removal System  
Package Includes:

- (2) SSRM-601 60' Suction Rail systems complete with 5" inch high temperature hose, with (1) Trolley Assembly with external guide wheels, (1) MagneGrip™ Nozzle Assembly that seals completely around the tailpipe to contain contaminated air and (1) Adaptor assembly that provides easy connection and cool air induction per rail. Each hose drop includes 850-degree extreme high temperature 2' lower hose section with handle.
- (1) CF361-3 MagneGrip™ Exhaust Fan with durable powder coating and of continuous welded construction throughout. Fan has an efficient backward incline, spark resistant fan wheel and is rated at 3hp 2100 cfm @ 6" sp, meets AMCA #2 standard and bench balanced to ANSI Standard for stability. Fan shall be wired for single-phase.
- (1) 500176-08 Wireless Auto-Start Control Panel in NEMA 4X enclosure with automatic start/stop operation. Entire assembly is UL/CUL listed with timer, manual override switch, and wireless capable.
- Wireless receiver, transmitters and pressure sensors for automatic system activation.
- (1) 500157-10 10" Up-blast Back Draft Damper Type Rain Cap
- Tailpipe Modifications as required but, limited to vehicle tailpipes from the muffler out. Large modifications and severely damaged tailpipes may be excluded.
- Electrical Power Wiring from available supply to control panel and to fan. Safety disconnect for fan motor. Does Not include any subpanels if required, and excludes any modifications required to bring service to code.
- All spiral ductwork, lateral connectors, dampers and hangers for Class 2 Mechanical Installation included.
- Adjustable Telescopic Support Legs to hang rail or track systems



- Shipping to Job Site, Included
- Factory provided labor to install above system to provide a complete turnkey project
- Start up and Training
- Equipment is 100% American Made by an ISO9001-2015 Company
- WBE/WOSB (Certifications Pending)

**STATION #2 SSRM PRICE** .....\$41,419.00

**TOTAL SSRM PRICE** .....\$92,994.00

**TERMS:**

- Pricing does not include roof curb, penetration or sealing, if required.
- Pricing does not include any state taxes, sales tax or special tax if required.
- Net Due upon completion of project.

(Moberly, MO SSRM Bid Proposal dated 4-13-2020)

**SUBMITTED BY:**

**ACCEPTED BY:**

Clean Air Concepts

Company: \_\_\_\_\_

*Maggie Rossman-Roach*

Print: \_\_\_\_\_

Maggie Rossman-Roach, President

Sign: \_\_\_\_\_

*4/8/2020*

Title: \_\_\_\_\_

Date

Date: \_\_\_\_\_

PO #, If Required: \_\_\_\_\_

