



COSTARS PROPOSAL R-2

March 4, 2026

Charles Chase

Gateway SD

9000 Gateway Campus Boulevard

Monroeville, PA 15146

mailto:cchase@gatewayk12.org



REFERENCE: Gateway HS Stage Front Curtains, Cyc Setting, Scrim & Drops

COSTARS Contract #34-E22-151 PA Vendor #323072

Qty	Description	Line Total
1.00	Front curtain setting: Valance, tormentors & front curtain fabricated from synthetic, 100% opaque, IFR 22oz Encore Velour with knife pleats & 50% fullness	
1.00	Seamless, FR cotton, sky blue muslin drop w/ tie lines at top heading & pipe pocket in bottom hem ☐	
1.00	Seamless, FR cotton, natural muslin drop w/ tie lines at top heading & pipe pocket in bottom hem ☐	
1.00	Seamless, FR cotton, black, sharkstooth scrim w/ tie lines at top heading & pipe pocket in bottom hem ☐	
1.00	Seamless, FR cotton, white, sharkstooth scrim w/ tie lines at top heading & pipe pocket in bottom hem ☐	
1.00	Cyclorama setting curtains including: (3) borders, (5) sets travelers (6) sets side legs fabricated from synthetic, 95-100% opaque, IFR, 16oz black Ovation cloth, with knife pleats & 50% fullness	
	Complete, furnished & installed on existing equipment...	\$ 72,121.00
Note	Existing lower tensioning pipes for drops & scrim to be retained & reused, price for new not included	

TERMS: Prepay or net 21 with approved credit or purchase order; monthly progress payments including stored materials.

TO ORDER: Sign and date proposal below and return via e-mail or fax with your purchase order or formal notice to proceed.

EXCLUSIONS: Permits, Fees, Tax, Bonds, Electrical Installation, Engineering, Cutting, Patching, Painting

Sincerely:

Jake Poling jake@pittsburghstage.com

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE.

To accept this quotation, sign here and return: _____ Date: _____

Thank you for your business!

2 South Ave - Sewickley, PA 15143 TEL: 412-534-4500 FAX: 412-534-4505

www.pittsburghstage.com

jake@pittsburghstage.com

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MSZ

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Equipment Type: CMAXX Control Panel
Model: 40 HP Control Panel
Application: Gateway High School
Horsepower: 40

40 HP Control Panel

The Keystone Controller is a powerful touchscreen-based control panel designed for the CMAXX. It features advanced capabilities like on-demand and continuous pulse cleaning, downtime cleaning settings, and startup and shut down sequencing. The controller has the ability to add built-in safety and maintenance functions including alarms, broken bag detection, fire suppression inputs, and data logging. The system ensures reliable performance and proactive maintenance. The controller simplifies startup/shutdown sequencing, monitors differential pressure, and allows for manual or remote start control, making it a smart, user-friendly solution for industrial dust collection management.

- NEMA 12 Enclosure – Indoor Install Only (Adder for Outdoor)
- Main breaker with handle
- IEC fan starter
- Maintained E-stop switch
- 24V Control transformer
- Allen Bradley PLC and Touchscreen interface
- Continuous/on-demand
- Local remote selector
- Pulse cleaning timer board (replaces the DCT Timer)
- High and low differential pressure connection ports in bottom of panel
- Wired with UL listing
- Remote connection via ethernet or cellular connection is available as an adder to view important system information from a computer or Smart Phone App

Upgrade Controls to Include VFD

The VFD reduces inrush current at startup saving energy. It also regulates system airflow by maintaining static pressure at the collector inlet via a 4 to 20ma signal running a PID loop. This reduces the load on the motor saving operating cost, instead of dampening the airflow with an outlet damper that is required on other starter options. On system shut down the VFD slows the fan down to a preset speed of 10HTZ for the duration of the down time cleaning cycle, this prevents dust from backflowing out of the collector due to the cleaning system pressurizing the collector creating a back flow through the ductwork.

- Includes drive to upgrade integrated controls, replacing Soft Starter or IEC across the line motor starter
- VFD controlled through the touch screen display
- Pressure transmitter to monitor system static pressure
- Auto/manual speed setting capability
- Exhaust cooling fan with louvers (AC optional, but is included on all 100HP and above models)
- NOTE: Listed pricing is for a 460v VFD only, pricing for other voltages available upon request.

Total Price: \$72,324.86

***Optional Onsite Start-Up (See additional details below): \$5,005.89**

****To comply with state and local sales tax laws, Imperial Systems will collect and remit required sales tax for goods that are not classified as exempt on proper documentation provided by the customer. (See additional details below)**

Optional Items

Optional CM008 (CMAXX) Items:

Explosion Vent

- Rupture style membrane vents
- Stainless steel
- All vents are sized based on material being classed at a ST1 with a 200 KST or lower value
- Includes Burst Indicator used to activate alarms, bells, and remote annunciators or interfaced with process control systems

Price: \$4,004.42

Platform and Ladder

- Filter access platform runs the entire length of the collector on the filter access side
- Platform and Ladders over 6 feet tall include a Fall Restraint System. Cages can be optioned upon request
- Designed for easy, efficient, and safe filter change outs
- Handrails and anti skid grate for walking platform
- Complies to OSHA standards

Price: \$5,634.64

Optional HS-200-SQ-70-40 Fan (CMAXX Fan) Items:

Fan Outlet Weatherhood with Bird Screen

Price: \$1,857.35

Optional 40 HP Control Panel (CMAXX Control Panel) Items:

EIV Interface

- 5A fused 24V circuit to power the unit
- Relay
- Fault on touch screen
- System down upon fault

Price: \$859.77

Explosion Vent Sensor Interface

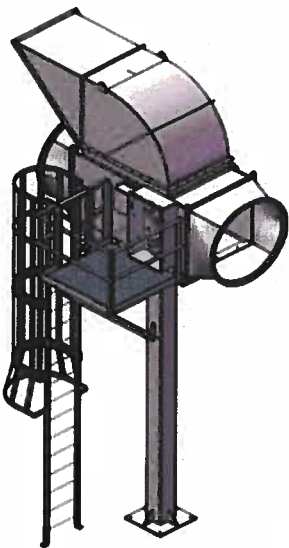
- Relay
- Fault on touch screen
- Break wire for system shut down

Price: \$547.76

Optional AG-30 (Abort Gate) Items:

AG-30

The heavy-duty High Speed Abort Gate was designed to handle the toughest applications. Its robust double-walled blade is designed to cycle 24/7 with little annual maintenance. The HSAG has a tool-free access to the lift mechanism for easy tool-free inspections and maintenance. All Imperial HSAG's are tested to meet the requirements of the NFPA required sensors and controls to operate this device. All HSAG's come with the guarantee to operate within 500 milliseconds. Imperial HSAG's meet or exceed all OSHA and NFPA design requirements. The Abort Gate is designed to be installed on the positive pressure (clean) side of a dust collector.



Controls

- NEMA4 120V enclosure
- Fully compatible with all brands spark detection equipment
- 120V dry contact needed to operate gate
- Test push button

Housing

- 10ga, 3/16" and or 3/8" Plate fully-welded construction
- Fully-reinforced base built to withstand the force of the blade dropping at high speed

Inlet & Outlet Discharge

- Standard bolted flanges with square-to-round transitions
- Optional quick-fit clamp fittings if requested

Price: \$15,686.49

GreCon Spark Switch & Sensors - max temp: 160°F

- Inferred spark detector designed to operate the gate only
 - Max temperature 160deg. Fahrenheit
 - Spark switch included
 - Two (2) FM 1/8 Sensors with mounting adapters
 - One (1) Kelex Terminal Box
- Price: \$8,204.87**

Base Stand Support

- Powder coated red to match the Abort Gate
 - Meets 3,000 hour salt spray test based on ASTM B117-97 on standardized test panels
 - Seismic zone 3 construction based on 100 MPH wind load
 - Fully-welded construction
- Price: \$2,662.09**

Support Stand Per Foot (Up to 20 ft)

Price: \$278.85

Platform

- Lift mechanism access platform
 - Handrails and anti-skid grate for walking platform
 - Complies to OSHA standards
- Price: \$4,549.72**

Ladder Per Foot (Up to 20 ft)

Price: \$238.19

Weather Hood

- Factory fit and mounted on some models depending on the size and shipping restrictions
- 10ga. Reinforced construction
- Powder coated to match the Abort Gate
- Meets 3,000 hour salt spray test based on ASTM B117-97 on standardized test panels
- Can be mounted in either flow direction of the airstream

Price: \$968.32

Bird Screen

Price: \$405.05

Optional EIV-VF18 Bundle (Explosion Isolation Valve) Items:

EIV-VF18 Bundle

The installation of an explosion isolation device on all suction side ducts that transport material with a KST value above zero is an NFPA requirement. Installing an explosion isolation valve may protect your workers and facility from the damaging effects of a baghouse or filter explosion.

- Heavy-duty welded steel construction
- Flanged inlet and outlet
- Inspection access door
- Grounding lug
- Locking mechanism
- ATEX Certified
- Control Panel with NEMA 4X Enclosure
- Dust Level Sensor

Price: \$9,120.83



Optional Imperial Systems Install - Gateway HS

Engineering, Duct, & Fittings

- Designed based off of SMACNA Standards for Class 1 dust
- Standard galvanized construction
- All necessary duct & fittings to replace the existing exterior duct to tie into the interior duct system
- Wall flashing for building penetrations
- AutoCAD system drawings that will be sent to you for approval prior to installation. Please note that material purchases and system fabrication will not begin until the drawings are approved and returned to Imperial Systems

Factory Direct Mechanical Install

- All work will be carried out by direct Imperial Systems mechanics
- Our certified installers are OSHA certified and are fully insured
- Imperial Systems will provide rental equipment required to complete the job
- Imperial Systems is responsible for installing the dust collector, duct work, fan, and anything else in this proposal
- Pricing includes travel and living expenses, rental equipment, hardware, and miscellaneous materials required for system installation

Exclusions

- Plumbing and element supply for compressed air and sprinkler connections and systems
- Freight
- Electrical wiring to the system from the building
- Any required permits
- Foundation work

Price: \$67,107.19

Imperial Systems Equipment Onsite Start-Up Service Commissioning and Customer Training

An Imperial Systems Service Technician will carry out equipment start-up, system inspection, and training of key personnel. This service may include:

Visual Inspection:

- Ensuring the machine is properly sealed and installed per assembly instructions
- Checking for all proper electrical connections and functions
- Ensuring installation matches approval drawings regarding orientations
- If applicable, verifying that all deflagration and fire protection components are installed properly with proper orientations

Operating Parameters Inspection:

- Measuring the inlet airflow and ensuring it matches designed flow
- Checking static pressure to ensure that it matches designed start-up range
- Checking controls, if supplied by IS, for proper connections and operation per specification

Machine, controls, and maintenance training:

- Control panel programming and adjustments

The anticipated time required is one (1) standard business day on straight time. This cost includes technical labor, expenses, lodging, per diem and travel. Additional subsequent days will be at a cost of \$1,850 per man at straight time and includes listed expenses. Overtime that exceeds 10 hours, weekend labor (Saturday and Sunday), or holiday labor will be charged at a current price schedule which is available upon request. All equipment needed to do the start-up such as man lifts, cranes, forklifts, etc. will be at the cost and the responsibility of the customer unless otherwise agreed upon by both parties.

It is not a requirement for end users to wait for our technician to run their machine. We would suggest you check the following items on your own if you choose to operate prior to an Imperial Systems Technician Visit:

- Check motors for proper rotation
- Make sure all safety devices are properly connected and active

- Open all slide gates on pickup points before running the system
- For systems equipped with a fan outlet damper, set the damper to 50% open before running the system. If needed, the damper can be opened gradually to increase suction on the system. Make sure not to exceed full load amps on the fan motor. (If full load amps are exceeded, contact a factory technician for further instructions)
- For systems equipped with a VFD, it is recommended to run the VFD at 50 Hz
- Check that the compressed air pressure supplying the air header tank does not exceed 90 PSI
- Verify that the pulse valves are operating properly
- For any additional questions or concerns, please call Imperial Systems tech support

Please note that price listed is good only if start-up is scheduled 18 full business days in advance of the requested date given to Imperial Systems or additional expedite charges may apply. If the work is canceled, rescheduled, or delayed by the customer at any time prior to the given / scheduled date, the customer will be responsible for travel changes, penalty costs, and additional cost per hour at the rate listed above.

This start-up is not an installation service. All equipment must be fully installed, wired, bump tested, and ready to run prior to a technician visit. Items that need completed prior to on-site start-up, commissioning, and training:

- Main power run to control panel and checked for proper connections
- Power run from control panel to blower, pulse cleaning solenoids, any other ancillary equipment
- Compressed air piping connected to collector
- Ducting fully installed
- Differential pressure tubing ran between dust collector and control panel

Some specialized equipment including, but not limited to, chemical explosion/fire suppression and spark detection equipment may need a commissioning or startup by a third-party certified technician. Pricing for that equipment is available by request and is not included in the below price.

Total Cost for Service \$5,005.89

Add **\$1,000 to each service for Mountain and Pacific Time Zones. Out of the United States to be quoted independently.

CMAXX LIFETIME WARRANTY

Imperial Systems, Inc. warrants to the original purchaser that the major structural components of the CMAXX™ dust collector will be free from defects in materials and workmanship for the lifetime of the equipment, if properly installed, maintained and operated under normal conditions. Inc. warrants filter cartridges to be free from defects in materials and workmanship for twelve (12) months from date of shipment. Imperial Systems, Inc. does not warrant damages which are due to corrosion, abrasion, normal wear and tear, product modification or product misapplication. Imperial Systems, Inc. also makes no warranty whatsoever as to any goods manufactured or supplied by others, including, but not limited to, electric motors and control components. After Imperial Systems, Inc. has been given adequate opportunity to remedy any defects in material or workmanship, Imperial Systems, Inc. retains the sole option to accept return of the goods, with freight paid by the purchaser, and to refund the purchase price for the goods on a prorated basis after confirming the goods are returned undamaged and in usable condition. Such a refund will be the full extent of Imperial Systems, Inc. liability. Imperial Systems, Inc. shall not be liable for any other costs, expenses or damages, whether direct, indirect, special, incidental, consequential or otherwise. The terms of this warranty may be modified only by a special warranty document signed by the President of Imperial Systems, Inc. There exist no other representations, warranties or guarantees except as stated in this paragraph. All other warranties, including merchant-ability and fitness for a particular purpose, whether express or implied, are hereby expressly excluded and disclaimed.

**FAILURE TO USE GENUINE IMPERIAL SYSTEMS, INC. REPLACEMENT PARTS OR FILTERS
WILL VOID THIS WARRANTY.**

Jeremiah Wann

President

Imperial Systems, Inc.



FIRE PROTECTION and SAFETY EQUIPMENT:

The customer assumes the responsibility to contact their insurance company and or AHJ (Authority Having Jurisdiction) to see what is required to meet the needs of fire protection, explosion ventilation, deflagration, isolation, and any other related equipment. It is the customer's responsibility to relay this information to Imperial Systems so that we can properly select and size the necessary equipment to meet their requirements. The customer should adhere to all NFPA, OSHA, federal, state, codes, rules, and regulations.

TERMS:

Terms are extended based on successful submission and subsequent authorization of credit approval package. Once accepted, terms (unless otherwise specifically negotiated) are:

Orders \$10,000 and under are to be billed as follows:

Net 30 days from date of invoice

Orders over \$10,000 are to be billed as follows:

50% down with order, 40% due prior to schedule of shipment, net due 30 days.

PAYMENT METHODS:

We accept Checks, ACH, Wire, and Credit Cards. If you choose to pay by credit card, we accept AMEX, Discover, Mastercard, and Visa. When using a credit card for payment we will add a credit card surcharge of 3% to your total invoice.

PRICE PROTECTION:

Unless stated otherwise, prices are good for 10 days from the date of the proposal. If an order is to be entered after 10 days, please verify current pricing at the time of order.

SALES TAX:

As part of our commitment to regulatory compliance, we are required to collect and remit sales tax in multiple states, based on state-specific guidelines. Below is important information regarding sales tax collection on applicable purchases:

1) State Sales Tax Collection:

We collect sales tax in states where we are required by law. This tax rate is determined by the state and/or local jurisdictions and is applied to the total amount of your order.

2) Sales Tax Application:

Sales tax applies to taxable products and services. The rate and items subject to tax may vary based on your location, as each state has its own tax regulations.

3) Your Role:

If we do not collect sales tax for your state, you may be responsible for reporting and paying any applicable use tax on your purchases.

4) State-Specific Information:

For detailed state-specific sales tax rates and requirements, please refer to the tax information provided at checkout or visit your state's Department of Revenue website.

5) Contact Us:

Feel free to contact us at (724) 662-2801, if you have any questions regarding this policy.

LEAD-TIME:

Approximately 8-10 weeks for shipment of equipment after submittals are returned signed and deposit money is received.

Any delivery times quoted by Imperial Systems, or its personnel, are estimates only and Imperial Systems shall not be liable for any delays in delivery

ENGINEERING LIMITATION:

We encourage our customers to provide all engineering requirements and requests at the time of order including but not limited to: collector and fan orientations, duct work layouts (if applicable), equipment locations, etc. We are happy to make one engineering change after an order is placed as we understand some items are not always finalized at the time of order. However, more than one change after order placement will require additional engineering fees based on current hourly rates and be billed as a change order.

EXCLUSIONS:

State or local taxes, operating or installation permits, electrical work of any kind, foundations, plumbing, shipping unless specified, installation, duct, and fittings.

FREIGHT:

All freight is to be prepaid and added. All shipments will be FOB point of manufacture. Freight bills will be due upon billing.

LIMITATION OF LIABILITY FOR DAMAGES (CONSEQUENTIAL):

In no event shall Imperial Systems be liable under any legal theory for any indirect, special, or consequential damages, including, but not limited to, loss of profits, even if vendor has notice of the possibility of such damages.

DISCLAIMER/LIMITATION OF WARRANTIES

Except for any express warranties and representations stated herein, vendor makes no warranties, express or implied, and the vendor specifically disclaims any implied warranties of merchantability or fitness for a particular purpose.

FUEL AND STEEL SURCHARGE:

Due to current steel market and fuel volatility Imperial Systems reserves the right to pass along any surcharges from our suppliers at direct cost to the customer. By accepting this agreement, the customer is aware that this surcharge could be in addition to any other totals listed within this quote.

EXCLUSIVE REMEDY

The parties agree that the remedies set forth in this agreement shall constitute the sole and exclusive remedies available for any breach of this agreement, including any breach of warranty, express or implied.

INTEGRATION:

This agreement cancels and supersedes all prior agreements and understandings between the parties, and all prior representations and negotiations, whether written or oral, and is intended by the parties as the complete and exclusive statement of the terms of their agreement. No modification, addition to, or waiver of any of the terms hereof shall be effective unless in writing and signed by an authorized officer of Imperial Systems.

DISCLAIMER:

Abort Gates are not to be used to divert or stop an explosion. Abort gates are only to be used to divert clean air, sparks, fume, and in some cases fire into a safe location. The abort gate does not act on its own and is solely dependent on a switch or sensor to activate it. Customer is responsible to check all local codes, NFPA, OSHA and any other AHJ for proper use and installation. Our high speed abort gates are designed to be installed on the positive pressure (clean) side of a baghouse. In some cases, they can be installed on the negative pressure (dirty) side of a baghouse or cyclone but we take no responsibility for material in the airstream, damaging or interfering with the operation of the abort gate. Installing our abort gates in any other negative pressure scenarios voids factory warranty

BUYER ACCEPTANCE:

This proposed contract was the result of negotiation between the parties. The parties agree that for the purpose of interpreting this agreement they shall be deemed to have jointly authored every provision.

To place an order please submit a purchase order with a description of parts and service as well as this signed proposal. We appreciate your consideration and believe that your acceptance will ensure a professional grade system backed with dependable service in the future.

CONTRACT AMOUNT: _____

PO#: _____

BY: _____

CORPORATE FUNCTION/TITLE: _____

DATE: _____