ENVIRONMENTAL MANAGEMENT SYSTEM

Project Financial Assistance Form

Project Title: ERC Energy Efficiencies

EMS: Waste Commission of Scott County Contact Person: Nolan Moore

Email: nolan.moore@wastecom.com Phone: 563-388-1400

Assistance Request: $ 32,572.73 Matching Cash: $ 10,857.58 Total Project: $ 43,430.31

A. EMS Objective Association

Check the box that best describes your grant proposal.

- ☒ One or more tasks/milestones with the action plan of a **new** objective/target.
- ☐ One or more tasks/milestones with the action plan of an **existing** objective/target.
- ☐ Other, please explain: _____

Please either complete the table below or provide the same information in the format of your choice in an attachment.

Objective Description			
Action	**Subject**		**Adoption Date**
Improve	Energy efficiency at the ERC		1/3/2025
Target 1 Description (Add sections or attachments for additional targets as needed.)			
Action	**Subject**	**Qty to**	**Metric**
Decrease	Natural gas usage by 10%	1.06	CCF/Heating Degree Days
Target Time Period	**Time Period Type**	**Component Area**	
FY26	Annual	Greenhouse Gas Reduction	

Baseline data, if applicable	**Baseline Time Period**	**Qty for Period**	**Narrative Description** (Optional)
	FY 22-24	1.18 CCF/Heating Degree Day	This is the average of FY 22-24 natural gas use at the ERC facility. See response to question #4 for further detail.

B. Project Proposal (30 points)

1. Concisely summarize the proposed project and its expected outcome.

This project aims to improve energy efficiency at the ERC facility by reducing natural gas usage and minimizing heat loss. Frequent opening of the 12'x18' overhead door during vehicle unloading leads to significant energy waste, with data showing the door remained open for over 10 hours in one week. Installing a speed door will reduce open time, improving heat retention and decreasing natural gas consumption by an estimated 10%, ultimately lessening the facility's environmental impact.

2. List project related items that have been completed such as estimates, audits, feasibility studies, plan adoptions, board approvals, etc. Also, outline tentative tasks or activities for the project proposal.

Task/Activity	**Start Date**	**End Date**	**Associates** (partners, contractors, vendors)
Collect data regarding the frequency and duration of opening for the current overhead door during the winter months.	1/20/25	1/24/25	ERC Camera system
Work with vendor(s) to determine what door would be best for our set up	1/13/25	2/1/25	Barron Equipment
Determine metric for measurement of GHG savings	2/1/25	3/1/25	Omar
Request quotes for the project	2/1/25	3/1/25	Barron Equipment, Raynor Door, Arbon/Ritehite

Install speed door		TBD	Barron Equipment
Evaluate for effectiveness		TBD	Nolan, Omar

3. Provide a more detailed narrative of the project proposal and the reasoning for its associated target. In the narrative, identify the need or problem the proposal will address, elaborate on the milestones in the table above and describe strategies for project implementation.

The Electronics Recovery Center (ERC) is committed to reducing its environmental impact and improving operational efficiency. A significant issue currently faced by the ERC is the energy loss associated with the frequent and prolonged opening of the existing 12' x 18' overhead door during vehicle unloading during winter months, when the furnace is running. This door remains open for extended periods, allowing large amounts of heat to escape from the facility, leading to higher natural gas consumption for heating. During sub-freezing temperatures, this can cause the heating system to run continuously for up to 10 hours during business hours while never achieving the desired internal temperature of 55°F.

The proposed solution is to replace the existing overhead door with a 12' x 12' aluminum spiral speed door. This upgrade will improve energy efficiency by significantly reducing the time the door remains open, resulting in lower heat loss and a reduction in natural gas consumption.

The ERC processes a high volume of electronic waste, requiring frequent opening through the existing 12' x 18' overhead door. The door's slow operation and large opening size allow substantial amounts of heated air to escape, forcing the facility's heating system to work harder to maintain indoor temperatures. Recent data collected on door usage during sub-freezing temperatures revealed that the overhead door remained open for over 10 hours a week, with open/close operations averaging over 60 times per day, intensifying energy loss and increasing operational costs. The average temperature for the week when the data was collected was 16 degrees. When ambient temperatures are moderate but below the facility's setpoint, door opening time can exceed 6 hours per day for convenience and safety.

To address these inefficiencies, the ERC proposes installing a 12' x 12' aluminum spiral speed door to replace the existing overhead door. This door was selected for its:

- Faster operation – Rapid opening and closing times minimize heat loss by reducing the duration that the door remains open.
- Smaller opening size – A 12' x 12' door will further limit exposure to outdoor temperatures compared to the existing 12' x 18' opening.
- Durability and Security – Unlike fabric speed doors, the aluminum spiral design offers better insulation, enhanced security, and long-term reliability in high-traffic environments.

By reducing the total time the door remains open and limiting exposure to outdoor temperatures, the ERC estimates a 10% reduction in natural gas consumption for heating. This estimate is based on:

- Operational Data – The current overhead door remains open for over 10 hours per week or longer, significantly impacting indoor temperature stability.
- Heat Retention Benefits – Faster cycling times of the speed door will maintain a more consistent indoor temperature, reducing the demand on the facility's heating system.
- Industry Studies – Research on similar facility upgrades has shown that high-speed doors can reduce heating costs by up to 10%, supporting the proposed reduction target.

This project addresses a critical need for energy efficiency improvements at the ERC facility. By replacing the existing overhead door with an aluminum spiral speed door, we expect to accomplish a significant reduction in natural gas consumption, contributing to both cost savings and environmental benefits. The estimated 10% reduction in natural gas usage is based on the operational changes brought about by this upgrade and is aligned with the facility's sustainability objectives.

C. Project Impact & Monitoring (40 points)

4. Explain the expected environmental impact of completing the grant project and achieving its associated EMS objective/target. Identify the geographic region in which the environmental impact is expected to be realized, such as a facility fenceline, municipality, service area, etc. Also, describe the methodology to be used for measuring

environmental impact.

The completion of this project is expected to have a direct and measurable environmental impact by reducing the ERC facility's natural gas consumption and associated greenhouse gas (GHG) emissions. By replacing the existing door, the facility will significantly reduce heat loss, leading to a projected 10% decrease in natural gas usage. This reduction translates to lower CO2 emissions, which contribute to improved air quality and decreased environmental footprint. The primary environmental impact of this project will be realized within the facility fenceline of the Electronics Recovery Center, as the speed door directly affects the building's energy efficiency and heating requirements.
To measure the environmental impact of this project and track the estimated 10% reduction in natural gas usage, the ERC will use the following methods:

- Energy consumption analysis – Compare utility bills and meter readings before and after installation to assess changes in natural gas usage.
- GHG Emission Calculation – Use standard emission factors to estimate the reduction in CO2 emissions based on decreased natural gas consumption.

Natural gas consumption at our facility is measured in CCF, where 1 CCF represents 100 cubic feet of gas. However, to account for the variability of natural gas usage based on weather, overall consumption data will be normalized using the method of Heating Degree Days (HDD) calculations. HDD represents the demand for heating, calculated as the difference between the daily average temperature and a baseline of 65°F. Average temperature weather data from the nearest weather station (Davenport Municipal Airport) is used to calculate the daily standardized 65°F HDD accumulations from 2021 through 2024 to generate the baseline measurement. Since the ERC facility does not possess a cooling system for most of the facility, only days when heating is necessary are considered. Once the project is implemented, HDD calculations will be used to determine normalized natural gas usage for the project period and compared to the baseline. By utilizing these measurement methods, the ERC can ensure that the project achieves its intended environmental benefits.

5. Identify who is expected to benefit from the completion of the grant project proposal and/or EMS objective and describe what benefits are projected. Benefits may be environmental, economic, service-related, etc.

The completion of this project will benefit ERC staff, facility operations, the environment, and the local community. Employees will experience improved working conditions with better indoor temperature stability and increased operational efficiency due to faster door operation. The facility will see gains in energy efficiency, with an estimated 10% reduction in natural gas consumption, leading to cost savings on utilities. Environmentally, the project will help lower greenhouse gas emissions by reducing carbon dioxide output, contributing to improved air quality and sustainability. Additionally, the reduced energy demand will lessen the strain on local natural gas infrastructure, and the ERC's commitment to energy efficiency will serve as a model for other facilities looking to implement sustainable practices.

6. As applicable, explain how the associated EMS objective fits into a long-range plan or has environmental impacts beyond the target end date.

The EMS objective of improving energy efficiency by reducing natural gas consumption aligns with the Commission's long-range sustainability goals and will have lasting environmental benefits beyond the target date. By installing the door at the ERC, the Commission is making a long-term investment in reducing heat loss, lowering energy demand, and decreasing greenhouse gas emissions. These energy savings will extend well beyond the initial implementation, ensuring continued environmental and cost benefits over time.

D. Project Budget & Economic Sustainability (30 Points)

7. Enter budget information in the table below. A minimum cash match of 25% is required for items in which financial assistance is requested.

Budget Item	Assistance Request $	Local Share – Cash	Total
RyTec Spiral Speed Door & Labor for Installation	32,572.73	10,857.58	43,430.31

TOTALS:	32,572.73	$ 10,857.58	$ 43,430.31

8. Are three quotes or estimates for each budget item attached? ☐ Yes ☒ No
   If not, provide the reason(s). Note: Project proposals may be rejected for not including three quotes or estimates for budget items.

Three quotes were not provided because we were requesting an aluminum exterior speed door for security and environmental considerations at the Electronics Recovery Center. While many manufacturers offer speed doors, finding a comparable aluminum option was challenging. One alternative was a steel spiral speed door, but it was significantly slower and would not achieve the same environmental benefits. Two quotes are provided (attached).

9. Provide a detailed budget narrative related to this project and specify how grant funds will be used.

Grant funds will be used to purchase the aluminum spiral speed door and cover the associated labor costs for modifying the existing opening, including framing in the header to accommodate the smaller door size and completing the installation. These expenses are necessary to ensure proper functionality, energy efficiency, and long-term durability of the new door system.

10. Identify how the project will be financially sustained once project funds are expended. Include an explanation for the continuance of such items as labor, equipment maintenance, service contracts, etc.

Once the project funds are exhausted, the ERC will ensure the financial viability of the speed door through existing operational budgets and cost savings generated by the project. The reduced natural gas savings and lower maintenance costs will offset ongoing expenses, making the project financially self-sustaining over time. Routine inspections and maintenance will be incorporated into the facility's maintenance schedule, ensuring the longevity and efficiency of the speed door without significant additional costs.

11. Describe any expected economic benefits, resulting from the completion of the associated EMS objective, such as cost avoidance or revenue generation. As applicable, estimate the payback period for the project cost and explain how it was calculated.

The completion of this project is expected to generate economic benefits through cost avoidance and long-term energy savings. By reducing natural gas consumption by an estimated 10%, the facility will lower heating costs, resulting in annual utility savings. Additionally, minimizing heat loss will reduce strain on the heating system, decreasing maintenance costs and extending the lifespan of HVAC equipment. The current door is not designed for the frequency of open-close cycles that are currently required for customer unloading operations. The ERC budgets approximately $2,000 per year to maintain the existing overhead door, as the excessive operation leads to frequent failures of spring, roller, and track parts. The new aluminum spiral speed door is designed for durability, high-frequency cycling and requires fewer repairs, leading to additional long-term cost savings.

12. As applicable, describe how economic benefits, either immediate or after a payback period, will in turn, benefit members of your service area.

The economic benefits of this project will extend beyond the facility and positively impact members of the ERC's service area. Lowering operational expenses will allow for a more efficient allocation of resources. These cost savings can be reinvested into other environmental and service improvements, enhancing the ERC's ability to provide high-quality electronics recycling to the community.

Please Note: Unallowable costs for financial assistance or local cost-share include, but are not limited to:

1. Taxes, legal costs, or contingency funds.
2. Passenger vehicles, vehicle registrations, or vehicle/equipment leases.
3. Proposal preparation or contractual project administration.
4. Land acquisition or real estate leases.
5. Office furniture, office equipment, or software.
6. Costs for which payment has been or will be received under another federal, state, or private financial assistance program.
7. Costs incurred before a written agreement between the applicant and the department has been executed.

E. Signature

I affirm the information provided on this Application is true, and that I will provide all other information requested for further substantiation. I agree that if awarded financial assistance for a project(s), I will execute the contract the DNR provides for conveying those funds, which contract will include but not be limited to conditions for expending those funds, and for making reasonable accounting of those expenditures and matching funds or in-kind expenses.

In order to determine funding eligibility, the Department reserves the right to verify any information presented in the application and to determine the applicant's compliance status with applicable Local, State and Federal statutes and regulations. If an applicant is selected to receive financial assistance, an offer of financial assistance may be rescinded if the applicant is determined to be out of compliance with applicable Local, State and Federal regulations.

[signature] EHS Manager

Signature, Title

3/31/25

Date

F. Forms

Include signed copies of required forms with your application. Forms may be found on the EMS website:
http://www.iowadnr.gov/Environmental-Protection/Land-Quality/Waste-Planning-Recycling/Solid-Waste-EMS/EMS-Participants

- Minority Impact Statement

Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code Section 8.11, all grant applications submitted to the State of Iowa which are due beginning January 1, 2009 shall include a Minority Impact Statement. This is the state's mechanism to require grant applicants to consider the potential impact of the grant project's proposed programs or policies on minority groups.

Please choose the statement(s) that pertains to this grant application. Complete all the information requested for the chosen statement(s).

☐ The proposed grant project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project

Indicate which group is impacted:

___ Women
___ Persons with a Disability
___ Blacks
___ Latinos
___ Asians
___ Pacific Islanders
___ American Indians
___ Alaskan Native Americans
___ Other

☐ The proposed grant project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project

Present the rationale for the existence of the proposed program or policy.

Provide evidence of consultation of representatives of the minority groups impacted.

Indicate which group is impacted:

___ Women
___ Persons with a Disability
___ Blacks
___ Latinos
___ Asians
___ Pacific Islanders
___ American Indians
___ Alaskan Native Americans
___ Other

☒ The proposed grant project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge:
Name: _____
Title: Director

Definitions

"Minority Persons", as defined in Iowa Code Section 8.11, mean individuals who are women, persons with a disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability", as defined in Iowa Code Section 15.102, subsection 5, paragraph "b", subparagraph (1):
b. As used in this subsection:

(1) *"Disability"* means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"Disability" does not include any of the following:

(a) Homosexuality or bisexuality.

(b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.

(c) Compulsive gambling, kleptomania, or pyromania.

(d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency", as defined in Iowa Code Section 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.

QUOTATION

Barron Equipment Company, Inc.
4710 N Brady Street
Davenport, IA 52806-3903
(563) 391-1052

Order Number	
1248294	
Order Date	Page
02/25/2025 13:02:50	1 of 2

Quote Expires On: 03/06/2025

Bill To:

Waste Commission of Scott County
11555 110th Avenue
Davenport, IA 52804

563-386-9510

Ship To:

Waste Commission of Scott County
5640 Carey Avenue
Davenport, IA 52807

Requested By: Mr. Brian Briggs

Customer ID: 12632

PO Number	*Ship Route*	*Taker*
Quote - Spiral		AJANCZAK

Quantities					*Item ID* *Item Description*	*Pricing UOM* *Unit Size*	*Unit Price*	*Extended Price*
Ordered	*Allocated*	*Remaining*	*UOM* *Unit Size*	*Disp.*				
					Order Note: Lead Time: TBD FOB: Factory Freight: Included Special Terms: 40% due at the time the order has been accepted 60% due NET 15 once order has been completed Product will not be ordered, nor will the order be scheduled until the initial installment has been received. Delays in receipt of the initial installment may impact lead times, pricing, and installation/service availability. Freight, if included, is an estimate and subject to change.			
1.00	0.00	1.00	EA		SPIRAL L/R	EA	32,844.1300	32,844.13
			1.0		Rytec Spiral L/R	1.0		

Order Line Notes:
12' x 12'
Insulated Panel
2 Remote Mushroom Pushbutton
1 Radio Control: (2) 1-Button
1 NEMA 4X SYS 4 Control Box (Standard) 8.5" x 16.5"
1 On/Off Selector Switch
1 Disable Activation
1 SmartSurround Advanced Detection and Alert System
1 Spiral Prewired Premium Package
- Door wiring factory pre-installed, tested and certified
- BTA4 Bluetooth enabled display/control integrated into side frame of door
- 3 year electrical component coverage
- Reduces onsite electrical connections by 90%

QUOTATION

Barron Equipment Company, Inc.
4710 N Brady Street
Davenport, IA 52806-3903
(563) 391-1052

Order Number	
1248294	
Order Date	Page
02/25/2025 13:02:50	2 of 2

Quote Expires On: 03/06/2025

Quantities					Item ID / Item Description	Pricing UOM / Unit Size	Unit Price	Extended Price
Ordered	Allocated	Remaining	UOM / Unit Size	Disp.				
Includes Estimated Van Freight								
1.00	0.00	1.00	EA		LABOR-DAV INSTALL	EA	10,050.0000	10,050.00
				1.0	Dav Install Mechanical Install of Above door. Header work with insulation to bring opening down to 12'H. Remove two bollards. Includes control wiring.	1.0		

Total Lines: 2

SUB-TOTAL:	42,894.13
TAX:	0.00
ENERGY SURCHARGE:	536.18
AMOUNT DUE:	**43,430.31**
U.S. Dollars	

Note: All payments made by credit card will be assessed a 3.5% processing fee, added to the invoice and charged at the time of processing.

Note: Unless specified freight charges will be invoiced

Note: All electrical and control wiring work done by others including low voltage

Note: Installation (if included) during normal business hours (Monday - Friday 7:00AM to 4:00PM)

Note: All storing and unloading done by others

Note: Permitting if required by others

Note: Unless otherwise specified above

Pricing reflects the cost of materials as of the date of this proposal. If the cost of materials increases prior to the date of their purchase, the pricing will be adjusted to reflect the actual costs incurred on the date of purchase.

Accepted by: _____ ***Date:*** _____

Rytec Corporation
PO Box 403
W223 N16601 Cedar Parkway
Jackson, WI 53037
(262) 677-9046

QUOTATION

RyQ-0000091323
2025-Waste Commission
Quote for Waste Commission of Scott County - Recycling Center

To: Waste Commission of Scott County

Buffalo, IA 52728
United States

ISSUED: **3/12/2025**
EXPIRATION: **6/10/2025**

ATTN: Brian Briggs
PHONE: 5633403328
E-MAIL: brian.briggs@wastecom.com

SALES CONTACT: Dave Baumann
DIRECT: 262-677-9046
CELL: 720-505-0107
E-MAIL: dave.baumann@rytecdoors.com

QTY	DESCRIPTION	UNIT PRICE	TOTAL
	Spiral • ***Variable speed AC drive motor with dynamic braking and absolute encoder.*** • ***Double-walled 6 inch high aluminum slats with integral rubber weatherseal between each slat.*** • ***Finish is applicable to side column and head console sheet metal parts as well as all hoods & covers, standard finish = Powder coated in "Rytec Silver".*** • ***Extension springs in each side column assist the motor in opening the door. Brake release on the side column allows the door to be easily opened in the event of a power failure.*** • ***Intelligent light curtain located in line with the moving door panel. Recognizes objects from floor to a height of over 6 feet.*** • ***System 4 controller with self-diagnostic capabilities in NEMA-4X rated enclosure.*** • ***SmartSurround Advanced Detection & Alert System.***		
1	Spiral L/R- 12’ 0” wide X 12’ 0” high	$48,600.00	$48,600.00
1	Insulated Panel	INCLUDED	INCLUDED
1	Spiral Prewired Premium Package - Door wiring factory pre-installed, tested and certified - BTA4 Bluetooth enabled display/control integrated into side frame of door - 3 year electrical component coverage - Reduces onsite electrical connections by 90%	INCLUDED	INCLUDED
2	Motion Detector	INCLUDED	INCLUDED
2	Remote Mushroom Pushbutton	INCLUDED	INCLUDED
1	Radio Control: (2) 1-Button	INCLUDED	INCLUDED
1	NEMA 4X SYS 4 Control Box (Standard) 8.5" x 16.5"	INCLUDED	INCLUDED
1	On/Off Selector Switch	INCLUDED	INCLUDED
1	Disable Activation	INCLUDED	INCLUDED
1	SmartSurround Advanced Detection and Alert System	INCLUDED	INCLUDED
1	Estimated Van Freight	INCLUDED	INCLUDED
1	Mechanical & Electrical Installation	INCLUDED	INCLUDED
		TOTAL (USD)	$48,600.00

TERMS	SHIPPING METHOD	F.O.B.	DELIVERY
Credit terms TBD based on Rytec’s standard credit policy and procedures	Best Way	Jackson, WI	Consult Regional Sales Manager

Rytec Corporation
PO Box 403
W223 N16601 Cedar Parkway
Jackson, WI 53037
(262) 677-9046

QUOTATION

RyQ-0000091323
2025-Waste Commission
Quote for Waste Commission of Scott County - Recycling Center

Authorized Signature:_____ ***Date:***_____

Printed Name:_____ ***Title:***_____

By signing this quote, you are agreeing to the information contained in the quote proposal and quote addendum, and acknowledge that you have read and agree to the terms and conditions found at https://www.rytecdoors.com/terms-conditions

Rytec Corporation
PO Box 403
W223 N16601 Cedar Parkway
Jackson, WI 53037
(262) 677-9046

QUOTATION

RyQ-0000091323
2025-Waste Commission
Quote for Waste Commission of Scott County - Recycling Center

ADDENDUM - PLEASE READ

Included as part of Rytec proposal only if installation is included or agreed upon:

☒ Mechanical Installation to include the following:

- Mechanical installation of door complete with necessary mounting anchors in accordance with final approval drawing and manufacturer's installation instructions
- Installation assumes prepared opening with sufficient structure, surfaces and clearances to mount/anchor new door
- Disposal of new door crating and jobsite debris in an onsite dumpster provided by customer
- Non-Union labor
- All work during normal business hours (M-F, 7:00 am to 5:00 pm)
- Customer to ensure that the opening is clear of traffic and full, uninterrupted access is made available

☒ Electrical Installation to include the following:

- Mounting of the control panel, safety devices and Rytec-supplied activators within 10' of the opening
- Wiring from the door control panel to the electrical disconnect (supplied by others), motor, encoder, safety devices, Rytec-supplied activation and cooler/freezer door defrost system, if applicable
  Note: Rytec is not responsible for the installation, connection or termination of any controls, systems or components provided by others
- Termination of wiring from all Rytec-supplied components in control panel
- Flexible EMT conduit to be used
- Non-Union labor
- All work during normal business hours (M-F, 7:00 am to 5:00 pm)
- Customer to ensure that the opening is clear of traffic and full, uninterrupted access is made available

☒ Lifting equipment required to handle and install door(s)

☒ Unloading of door(s) at job site

☒ Takedown of existing door(s)

☐ Offsite disposal of new door crating, jobsite debris and existing door(s), if applicable

☐ Rigid conduit

☐ Union labor

☐ Prevailing Wage rates (Davis-Bacon Act)

☐ Weekend or after-hours installation

☐ Door(s) to ship on a flatbed trailer (no loading dock required for offloading)

☐ Payment and performance bonds

☒ Other: Includes EMT conduit where acceptable. All Rigid, Stainless, and Aluminum conduit by others.

☐ Other:

☐ Other:

☐ Other:

Excluded from Rytec proposal:

- Any and all building permits
- 208v/230v, 460v or 575v, 3-phase electrical power to a 30 amp electrical disconnect located within 5' of each opening. Minimum 15 amp service required (higher amp service required on cooler and freezer doors; consult factory)
  Note: Control panels on cooler/freezer doors with Tec-Lights or an unheated blower w/ Tec-Lights are designed for a 460v or 575v, 3-phase electrical supply. A 208v/230v, 3-phase supply for these doors will result in additional charges. Control panels on cooler/freezer doors with heated blowers are available only for a 460v or 575v, 3-phase electrical supply.
- Separate electrical power supply required for cooler/freezer door defrost systems including - but not limited to - heat tape, Tec-lights, and heated or unheated blowers (consult factory)

Applicable Taxes:

- If installation is included in this proposal, the equipment is considered a real property improvement; therefore, is not taxable to you, as the customer. Rytec is responsible for remitting any taxes to the state. If installation is not included in this proposal, Rytec will be adding sales tax to the invoice unless a valid exemption certificate is provided.

  *Texas & Washington residents: the taxability of this proposal depends on state specific rules.