

**MEETING DATE: 2/10/21**

**ITEM: 11**

---

**AGENDA ITEM SUMMARY**

---

**Subject: Fire Station Garage Door Replacement – follow up**

---

**Background Summary:**

At a previous workshop we reviewed quotes on replacement of the garage doors at the Fire Station. Since that meeting Chief Whipple has acquired updated quotes as well as giving a more apples to apples comparison of the three quoting entities and how they are similar or differ.

Attached you will find a spreadsheet that gives the comparisons as well as the updated quotes from each contractor.

Based on the price, doors and local experience with the contractor, Chief Whipple is recommending accepting of quote from Double Z Construction for \$31,511. This price would include 9 doors to be replaced rather than 10 which accounts for the removal of a door due to the upcoming ambulance bay remodel. Price also includes street dept asst. with demo and disposal of old doors.

CITY OF CHARLES CITY

# Charles City Fire Department Overhead Door Replacement

The answers to the questions that were posed are the answers directly provided by the person who quoted the project.

<i>Question</i>	<i>Overhead Door</i>	<i>Double Z Const.</i>	<i>Christie Door Co.</i>
Warranty for doors? Length of warranty?	10 years	10 years	1 year
Warranty for installation/parts?	1 year	2 years	1 year
What is the thickness of the door itself?	2 inches	2 inches	2 inches
What is the R-rating of the door?	17.5	18	18.3
Are R-ratings standardized between door manufacturers?	No	No	No answer
What are the dimensions of the windows?	24"X7"	24"X12"	24"X12"
Are the windows insulated, and to what extent?	They are insulated	They are insulated	They are insulated
Do the trolley operators include a brake?	Yes	No	No
If they do include a brake, why or why not?	For safety	Can be added	Doesn't need a brake
What is the h/p of the opener quoted?	1/2 hp	1/2 hp	1/3 hp
What is the minimum h/p need for a door this size?	1/2 hp	1/2 hp	1/3 hp
If a different h/p is requested, what is the diff. in price?	Increase \$, do not need	Additional \$160	Additional \$30/unit
What voltage is required to operate the opener?	110v single phase	120v single phase	115v single phase
Are there air-operated systems available to operate doors?	Yes, LOTS of \$, no parts	No	Stay away from air
Does your quote include safety eyes to be installed?	Yes	Yes	Yes
Can you estimate possible utility cost savings with replacement?	No answer	Unable	No answer
<b>Total quote to replace all 10 doors:</b>	<b>\$39,292</b>	<b>\$35,011</b>	<b>\$35,998</b>
<b>Total quote to replace 9 doors:</b>	<b>\$35,363</b>	<b>~ \$31,511</b>	<b>~ \$32,398</b>
<b>Reduction of quote to remove disposal of old equipment:</b>	<b>None</b>	<b>\$280</b>	<b>None</b>

\*\*\*Council question on Double Z quote of "891" remotes, that is the model number of the remote, not the quantity. The remotes per the quote are \$20.00 per remote.

\*\*\*Council question on Double Z years in business, and what happens if the business is no longer. Double Z has been in business long enough that they have done work that I have confirmed...they installed all of the new overhead doors in the new fire station in Floyd, as well as doing a lot of work for Dirk and the City Street Department. Both the Floyd Chief and Dirk indicated emphatically that they are extremely helpful, respond to problems/repairs in timely manner, and do excellent quality work. The company is also a Charles City company keeping the work local, and has been and continues to be the low bid along with a better warranty.

Double Z Garage Doors LLC

2722 220th Street  
 Charles City IA 50616

# Estimate

Date	Estimate #
2/3/2021	761

Name / Address
Charles City Fire Department

Project

Description	Qty	Rate	Total
14'2"x12' white,insulated 2 inch TG,R-17,4 windows,dual flap top seal,Trolley operator with remote	4	3,029.4925	12,117.97
14'2"x14' white,insulated 2 inch TG,R-17,4 windows,dual flap top seal,Trolley operator with remote	6	3,364.785	20,188.71
remove old doors and dispose	1	2,590.00	2,590.00
internet gateway	1	75.00	75.00
891 remotes	2	20.00	40.00
MD# 333324			
Updated Quote			
Deduct disposal fee \$280.00			
		<b>Subtotal</b>	\$35,011.68
Phone #	641-228-0735	<b>Sales Tax (7.0%)</b>	\$0.00
		<b>Total</b>	\$35,011.68

# Overhead Door Company of Mason City



PO Box 710  
Mason City, IA 50402

Contact: Sean Wells  
Phone: 6414244114  
Email: sean.wells@overheaddoormasoncity.com

*This proposal is valid till Tuesday, May 18, 2021*

Quote: SQAB001432-1 | Created: 1/18/2021 11:05 AM

<b><u>Job:</u></b> CHARLES CITY FIRE DEPT. CHARLES CITY IA 208 E STATE STREET MASON CITY, IA 50401	<b><u>Prepared For:</u></b> HENKEL CONSTRUCTION 208 E STATE STREET MASON CITY, IA 50401
--	--

Item	Qty
<b>1 D599 Model:599 Size: 14' 2" X 12' 1"</b> Model: 599 Thermacore Flush (2") Door Size: Actual: 14' 2" X 12' 1" Opening: 14' 0" X 12' 0" Headroom: 0" Door Description: Section Color: White, Section End Stile: Standard, Top Seal: Dual Flap Glazing: Oval Glazing: 24" X 7" DSB 1-1/8" Insulated Track: Track Radius: 15" radius (STD), Type of Track: 2" Continuous Angle In (#2) STEEL JAMB (STD) Counterbalance: Springs: 25,000 Cycle, Solid Shaft: 1" In Lieu Of Tubing, Drums: Standard Hardware: Lock: Inside Slide #1 (STD), Struts: (Qty = 7)HS-1 (.030 X 2.25) Per Strut, Drawbar Plate: (Qty = 1)Standard, 24" Comment: ALL DISCOUNTING PER KEITH BOYER	3
<b>2 D599 Model:599 Size: 14' 2" X 14' 1"</b> Size: Actual: 14' 2" X 14' 1" Opening: 14' 0" X 14' 0" Headroom: 0" Model: 599 Thermacore Flush (2") Door Door Description: Section Color: White, Section End Stile: Standard, Top Seal: Dual Flap Glazing: Oval Glazing: 24" X 7" DSB 1-1/8" Insulated Track: Track Radius: 15" radius (STD), Type of Track: 2" Continuous Angle In (#2) STEEL JAMB (STD) Hardware: Lock: Inside Slide #1 (STD), Struts: (Qty = 7)HS-1 (.030 X 2.25) Per Strut Counterbalance: Springs: 25,000 Cycle, Solid Shaft: 1" In Lieu Of Tubing, Drums: Standard, Bumper Springs: Compression Bumpers Comment: ALL DISCOUNTING PER KEITH BOYER	6
<b>3 1/2HP, for Sectional; 115/208/230V,1PH, 60 Hz, Brake</b> Commercial Operator Standard (RSX), Trolley, Attributes: Duty Cycle: Standard (RSX), Operating Type: Trolley, Horsepower: 1/2 HP, Voltage: 115/208/230V, Phase: Single Phase, Frequency: 60 Hz, Brake: Electric Actuated Brake Includes: Pushbutton - Open/Close/Stop #106647.0001 [1], Arm Assy, Trolley #110844.0001	3

# Overhead Door Company of Mason City

The Genuine. The Original.



PO Box 710  
Mason City, IA 50402

Contact: Sean Wells  
Phone: 6414244114  
Email: sean.wells@overheaddoormasoncity.com

[1], Carriage Assembly #110616.0001 [1], 1/2hp only - Roller Chain #65 Length=2 x track length + 9" #080839.XXX1 [1], 3/4hp & 1hp only - Roller Chain #41 Length=2 x track length + 9" #111342.XXXX [1], Chain Guide Assembly #111176.0001 [2], Trolley Track Length = door height + 29" #110732.XXXX [2]

Trolley: Trolley Track: Drawbar track for up to 12' high door (STD)

Photo Eye: Monitored Photocells: Monitored Impact Protected Photo Eye Kit (Includes mounting bracket) (OPAKPE2.S)

Radio Control: Transmitters 1: Single Channel Dual Frequency Transmitter, 315/390 MHz (OCDFX1.S)

Comment: ALL DISCOUNTING PER KEITH BOYER

**Commercial Operator Standard (RSX), Jackshaft, 6**

**4 1/2HP, for Sectional; 115/208/230V, 1PH, 60 Hz,**

**Brake**

Attributes: Duty Cycle: Standard (RSX), Operating Type: Jackshaft, Horsepower: 1/2 HP, Voltage: 115/208/230V, Phase: Single Phase, Frequency: 60 Hz, Brake: Electric Actuated Brake

Includes: Pushbutton - Open/Close/Stop #106647.0001 [1], Kit, Coupler 1 #106541.0001 [1], Release Cord, 30ft #110949.0002 [1], Release Knob #35227A [1]

Mounting: Coupling Kits: Chain Coupling kit #50 (1:1) with two 50B26 sprockets (for 1" Door Shaft) (112372.0001.S), Tension Plate: Tension Plate Kit, 1" Door Shaft (111005.0001.S)

Speed Control: Slow Down Kit: Slow down kit, changes output shaft speed to 22 RPM (OPKSDN.S)

Photo Eye: Monitored Photocells: Monitored Impact Protected Photo Eye Kit (Includes mounting bracket) (OPAKPE2.S)

Radio Control: Transmitters 1: Single Channel Dual Frequency Transmitter, 315/390 MHz (OCDFX1.S)

Comment: ALL DISCOUNTING PER KEITH BOYER

**Total (USD): \$35,363.13**

ALL CURRENT DOOR TRACKS ARE WELDED IN  
REMOVE EXISTING DOOR (9) TOTAL 1- TO BE REMOVE FOR REMODEL ON ANOTHER CONTRACT  
INSTALL MODEL 599 DOOR WHITE IN COLOR R- VALUE 17.5  
2" ANGLE IN STANDARD LIFT TRACK  
FULLY STRUTTED  
WHITE IN COLOR  
25,000 CYCLE SPRINGS  
SOLID TORSION SHAFT  
J140 BRUSH TRACK, TOP SEAL ON TOP PANEL

(3) 14X12 DOORS WITH RSX 1/2 HP 110V TROLLEY OPERATORS, PHOTOEYES AND 1 REMOTE EACH

# Overhead Door Company of Mason City

The Genuine. The Original.



PO Box 710  
Mason City, IA 50402

Contact: Sean Wells  
Phone: 6414244114  
Email: sean.wells@overheaddoormasoncity.com

(6) 14X14 DOORS WITH RSX J-SHAFT 110V OPERATORS, PHOTOEYES AND 1 REMOTE EACH

## Terms and Conditions

FULL PAYMENT ON DOORS AND OPERATORS TO BE MADE AS FOLLOWS: NET 15 DAYS  
OPERATOR ONLY INSTALLATIONS TO BE PAID FOR IN FULL BEFORE INSTALLATION BY OTHERS: Jambs, spring pads, all wiring to motors and control stations, unless otherwise stated above, are not included.  
Purchaser agrees that doors shall remain in Seller's possession until paid in full. In the event Purchaser breaches or defaults under the terms and provisions of this Agreement, the Purchaser shall be responsible for the costs of collection, including reasonable attorneys' fees. The Seller shall be entitled to full and final payment on the Purchase Order. There shall be a 1 1/2% service charge per month for all payments due and owing after 15 days. (Agreements are contingent upon strikes, accidents, or delays beyond our control.)

### Acceptance:

Terms, price, and specifications on all pages of this proposal are hereby accepted.

Authorized By (Seller): SEAN WELLS Date: \_\_\_\_\_

Authorized By (Buyer): \_\_\_\_\_ Date: \_\_\_\_\_

Print Name (Buyer): \_\_\_\_\_

Purchase Order: \_\_\_\_\_

# CHRISTIE DOOR COMPANY

Quote #24467-R

1905 STATE ST. CEDAR FALLS, IOWA 50613  
(319) 266-1627 (800) 266-1627 FAX (319) 483-6610

CHRISTIEGARAGEDOOR.COM

NAME City of Charles City Attn: Chief Eric Whipple	Phone Cell 641-257-6313 Fax E-Mail fdchief@cityofcharlescity.org	DATE 9/4/20 Up dated 2-5-2021
--	---	----------------------------------

JOB NAME Fire Station 704 S Grand Ave. Charles City
---

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

**6 – 14'2" wide x 14'0" high RAYNOR MODEL TM200 COMMERCIAL OVERHEAD DOOR**

- \* 26-Gauge steel exterior
- \* 2" Thick steel panel w/polyurethane insulation
- \* **18.3 'R' Value**
- \* White color
- \* 4 – 24x12 insulated windows in #3 section
- \* Normal headroom track – 15" radius, 2" angle mount to masonry
- \* Head and jamb seal
- \* Operator bracket
- \* Remove and haul old doors

**4 – 14'2" wide x 12'0" high RAYNOR MODEL TM200 COMMERCIAL OVERHEAD DOOR**

- \* 26-Gauge steel exterior
- \* 2" Thick steel panel w/polyurethane insulation
- \* **18.3 'R' Value**
- \* White color
- \* 4 – 24x12 insulated windows in #3 section
- \* Normal headroom track – 15" radius, 2" angle mount to masonry
- \* Head and jamb seal
- \* Operator bracket
- \* Remove and haul old doors

**10 – LIFTMASTER MODEL T331- L5 SINGLE TROLLEY OPERATOR**

- \* 1/3 hp, 115v, 1phase
- \* Photo safety eyes
- \* 10 - remotes

**Installed**

**\$35,998.00 - tax exempt**

***IF ORDERED AFTER MARCH 1<sup>ST</sup> 2021 – RAYNOR HAS A PRICE INCREASE THAT THE TOTAL WOULD BE \$40,190.00***

**All electrical wiring for operators by others  
To place order, please sign and e-mail back**

**Thanks Chief Eric Whipple  
SR/jg**

WE PROPOSE HEREBY TO FURNISH MATERIALS & LABOR - COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF: As Listed Above PAYMENT TO BE MADE AS FOLLOWS: Upon Completion

AUTHORIZED SIGNATURE Steve Rogers NOTE: This proposal may be withdrawn by us if not accepted within 30days.

ACCEPTANCE OF PROPOSAL – THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

DATE OF ACCEPTANCE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**“Our Name Stands For Quality, Value Is Our Tradition”**