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HON. MICHAEL L. NAIG
SECRETARY OF AGRICULTURE



Executive Council of Iowa

CAPITOL BUILDING
DES MOINES, IOWA 50319
PHONE: 515 281-5368

September 5, 2023

Accounting Department
Office of the Treasurer
Lucas Building
321 E 12th Street
Des Moines, IA, 50319

The Executive Council, in a meeting held on today's date, approved the Department of Public Safety's request for an emergency allocation and reimbursement in the amount of \$36,457.33. On February 27, 2023, a lightning strike caused damages to the Waterloo ISICS tower. Request was to cover repair costs.

This represents full and final payment and this allocation will be closed.

EXECUTIVE COUNCIL OF IOWA

Victoria Newton

Victoria Newton
Executive Secretary

cc: Captain Richard Pierce, Iowa State Patrol, Department of Public Safety
Joel Lunde, Department of Management

AOS Claim # 3458
TOS Job # _____



OFFICE OF AUDITOR OF STATE
STATE OF IOWA

Rob Sand
Auditor of State

State Capitol Building
Des Moines, Iowa 50319-0004
Telephone (515) 281-5834 Facsimile (515) 281-6518

August 22, 2023

Victoria Newton
Executive Council
L O C A L

Subject: Damages to Waterloo ISICS Tower due to Lightning Strike on February 27, 2023
Department of Public Safety
Claim dated June 16, 2023
AOS Claim ID: 3458

In accordance with Executive Council policy, we have examined the claim for 29C.20 funds for the above-mentioned damages. It is our conclusion that the above damage incurred by the Department of Public Safety is covered by Chapter 29C.20 of the Code of Iowa. Therefore, we recommend an Executive Council allocation and reimbursement in the amount of \$36,457.33.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ernest H. Ruben, Jr.".

Ernest H. Ruben, Jr., CPA
Deputy Auditor of State

cc: Captain Richard Pierce, Bureau Chief, Department of Public Safety
Joel Lunde, Department of Management

Kim Reynolds
Governor
Adam Gregg
Lt. Governor



Department of Public Safety

Stephan Bayens
Commissioner

June 16, 2023

Reference: 29C20 Reimbursement Claim ref. 29C20 AON Lightning Damage to the Waterloo ISICS Tower on 2-27-23

State of Iowa Executive Council:

On 2-28-23, Motorola service crew responded to the Waterloo ISICS Tower to troubleshoot microwave communication issues that arose after the early morning thunderstorms on 2-27-23. The Motorola service crew discovered the tower had taken a severe lightning strike damaging the polyphaser designed to reduce lightning damage and two ODU processors that are involved in microwave communications.

On 6-13-23, Motorola submitted a repair invoice, dated 6-12-23 for \$36,457.33 for the Waterloo ISICS Tower damage that occurred on 2-27-23. Also, submitted was the Motorola Damage Report detailing the repairs conducted and the equipment that was replaced. Due to the nature of the damage we did not receive a repair estimate from Motorola because they did not know the extent of the damage until repairs began. Lightning can damage affect many systems. Therefore, we were unable to submit an Allocation Request before Motorola sent the repair invoice.

The DPS Interoperability Communications Bureau is respectfully submitting a 29C20 Reimbursement Claim for \$36,457.33 for this AON damage. Attached to this email is the 2-27-23 Initial 29C20 AON Notification of Damage to the Waterloo ISICS tower, the Motorola Invoice dated 6-12-23, Motorola Damage Report dated 6-13-23 detailing the work conducted, and a copy of the I-3 payment to Motorola for the repairs.

Thank you for your consideration and assistance with this repair.

Sincerely,

Captain Richard Pierce
Bureau Chief
Iowa DPS Communications & Interoperability Bureau
Office of the Commissioner
215 E. 7th Street
Des Moines, Ia 50319



Motorola Solutions, Inc.
 500 West Monroe
 Chicago IL 60661
 United States
Federal Tax ID: 36-1115800

Visit our website at www.motorolasolutions.com

ORIGINAL INVOICE

Transaction Number 8330248656	Transaction Date 12-JUN-2023	Transaction Total 36,457.33 USD	
P.O. Number Verbal Captain Pierce		P.O. Date 12-JUN-2023	Customer Account No 1000199978
Payment Terms Net Due in 60 Days			Payment Due Date 11-AUG-2023
Bill To Address IOWA, STATE OF ATTN: Accounts Payable 215 E 7TH ST DES MOINES IA 50319 United States		Ship To Address IOWA, STATE OF 4414 HESS RD WATERLOO IA 50701 United States	

IMPORTANT INFORMATION

Sales Order(s): 3203002415

For all invoice payment inquiries contact
 AccountsReceivable@motorolasolutions.com
 Telephone: 800-247-2346
 Fax: +1(631)883-4238

SPECIAL INSTRUCTIONS / COMMENTS

Depot SO#	Item Number	Description	Qty.	Unit Price (USD)	Amount (USD)
		Date Completed :24-APR-23 Description of work :ISICS Waterloo Site Lightning Damage repairs. Tower Lights and Microwave were damaged on 2-27-23. Tower crew replaced 2 -ODU's on 3-7-23. Tower crew replaced damaged tower light boards on 4-24-23. Authorized by : Verbal Captain Pierce			
	SVCFS-ONSITE-RSP-IO	FIELD SVC-ON SITE RESPONSE SVCS	1	36,457.33	36,457.33
	SVCFS-PARTS-IO	FIELD SERVICE - PARTS CHARGES	1	0.00	0.00

Please detach here and return the bottom portion with your payment

Payment Coupon

Transaction Number 8330248656	Customer Account No 1000199978	Payment Due Date 11-AUG-2023	Transaction Total 36,457.33 USD	Amount Paid
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Please put your Transaction Number and your Customer Account Number on your payment for prompt processing.

IOWA, STATE OF
 ATTN: Accounts Payable
 215 E 7TH ST
 DES MOINES IA 50319
 United States

Payment Transfer Details

Bank of America, Dallas
 Bank Account No: 3756319806

Send Payments To:



Motorola Solutions, Inc.
 13108 Collections Center
 Chicago IL 60693
 United States
 Please provide your remittance details to:
US.remittance@motorolasolutions.com



Motorola Solutions, Inc.
 500 West Monroe
 Chicago IL 60661
 United States
Federal Tax ID: 36-1115800


Visit our website at www.motorolasolutions.com

ORIGINAL INVOICE			
Transaction Number 8330248656	Transaction Date 12-JUN-2023	Transaction Total 36,457.33 USD	
P.O. Number Verbal Captain Pierce		P.O. Date 12-JUN-2023	Customer Account No 1000199978
Payment Terms Net Due in 60 Days			Payment Due Date 11-AUG-2023
			USD Subtotal
			36,457.33
			USD Total Tax
			0.00
			USD Total
			36,457.33
			USD Amount Due
			36,457.33

6-19-23 Waterloo ISICS Tower Lightning Damage - I-3 Screen Shot

Warrants							
Fiscal Year	Warrant Number	Line Number	Line Amount	Issued	Redeemed	Vendor Customer	
✓ 2023	72552439	1	\$36,457.33	06/16/2023		00002099390	

First Prev Next Last

[Search](#) 

Warrant Information

Fiscal Year : 2023 Amount : \$36,457.33
Warrant Number : 72552439 Vendor Customer : 00002099390
Line Number : 1 Last Updated : 6/16/23

Issue Information

Issued : 06/16/2023 Void :
Document ID : 061523SJD018COM Duplicate :
Document Line Number : 1 Stop :
Line Amount : \$36,457.33
Comments :

Motorola Solutions, Inc.
1301 E. Algonquin Road
Schaumburg, IL 60196
U.S.A.

Mobile: +1-319-321-1134
Email: dave.gordon@motorolasolutions.com

June 13, 2023

Captain Pierce
Iowa Department of Public Safety
Interoperability Communications Bureau
215 E. 7th St.
Des Moines, IA 50319

RE: Waterloo Site Lightning Damage

Good Afternoon Captain Pierce,

Below you will find the report for the Waterloo site lightning damage.

Please review and contact me directly with any questions.

Thanks,



Dave Gordon
Customer Support Manager
State of Iowa
Motorola Solutions, Inc.

Waterloo Lightning Damage Report

On February 27th, 2023 there were various alarms reported regarding the Waterloo site. In addition, there were user reports of radio issues. Motorola sent a technician to the site to investigate the reports. Upon arrival, they were able to confirm various issues at the site.

After investigation and troubleshooting, it was obvious that the site had been damaged by a lightning strike that morning due to the amount of equipment not working.

Below is a summary breakdown of everything that was damaged.

Microwave Equipment

- Primary ODU (Outdoor Unit) facing Bucannon
- Primary ODU facing Bender Hall

Antenna System

- RX Antenna Polyphaser

Tower Lighting Equipment

- PCB Surge Board x 2
- PCB Coe Board x 2

ISICS Waterloo Site - Lightning Damage Equipment List - Updates

Device	Old Model Number	Old Serial Number	New Model Number	New Serial Number
Primary ODU (Outdoor Unit) Facing Buchanon	EEH-06-A252-021	BEA16466093	EEH-06-A252-021	FLX1328Y123
Primary ODU (Outdoor Unit) Facing Bender Hall	EEH-06-A252-011	BEA16466056	EEH-06-A252-011	BEA17416016
Tower Lighting PCB Core Board	F2421000T	NA	F2421000T	NA
Tower Lighting PCB Surge Board	F2422600T	NA	F2422600T	NA
Tower Lighting PCB Core Board	F2421000T	NA	F2421000T	NA
Tower Lighting PCB Surge Board	F2422600T	NA	F2422600T	NA

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Tuesday, February 28, 2023 3:13 PM
To: ExecutiveCouncil [TOS]; Hollingsworth, Tammy [AOS]
Cc: Seiler Katelyn; Dostal Sandra; Duden Joshua; DAVID GORDON
Subject: 2-27-23 AON 29C20 Notification ref. Waterloo Site - Lightning Damage

Executive Council and Tammy,

On 2-28-23, Motorola service crew responded to the Waterloo ISICS Tower to troubleshoot microwave communication issues that arose after the early morning thunderstorms on 2-27-23. The Motorola service crew discovered the tower had taken a severe lightning strike (see below email) that damaged the polyphaser designed to reduce lightning damage and two ODU processors that are involved in microwave communications. This is only the preliminary damage report. It is possible there could be more extensive damage not yet discovered. Please accept this email as the required 29C20 Act of Nature Notification regarding lightning strike damage that occurred on 2-27-23 to the Waterloo ISICS tower. A repair estimate will be forthcoming upon receipt.

Capt. Rick Pierce
Bureau Chief
DPS Interoperability Communications

From: Dave Gordon <dave.gordon@motorolasolutions.com>
Sent: Tuesday, February 28, 2023 1:33 PM
To: ISICSAdmin <isicsadmin@dps.state.ia.us>
Cc: DAVID GORDON <dave.gordon@motorolasolutions.com>
Subject: ** External Email Alert ** Waterloo Site - Lightning Damage

****External Email Alert**** This email is from outside DPS. **DO NOT CLICK** links or attachments unless you expected them. If unsure please forward to ITOC@dps.state.ia.us for review.

Good Afternoon Captain and Team,

We have been troubleshooting issues at the Waterloo site since yesterday morning.

We believe that the tower took a lightning hit during the storms yesterday morning (2-27-23).

So far we have found the following:

We found a blown polyphaser on the RX line. These are meant to protect the equipment from lightning strikes.

We also are having issues with some of the ODU's communicating to the chassis in the shelter for the microwave. We suspect that at least 2 of the ODU's are lightning damaged so far. These are the microwave links to Buchanon and Bender Hall from Waterloo.

We will continue to send updates when we learn more.

Please contact me with any questions.

Thanks,

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.
State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

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