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Executive Council of Iowa

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

October 7, 2024

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 in the amount of \$20,000.00, subject to an audit of actual invoices. On May 26, 2024, a storm caused damages to the Bremer ISICS Communication Tower. Request was to cover repair costs not covered by FEMA.

EXECUTIVE COUNCIL OF IOWA

Kristi Onstot

Kristi Onstot
Executive Secretary

cc: Lieutenant Heath Hove, Interoperability Communications Bureau, Department of Public Safety
Sergeant Joshua Duden, Interoperability Communications Bureau, Department of
Public Safety
Matt Bender, Department of Management
Heather Hackbarth, Department of Management

AOS Claim # 3799
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

August 30, 2024

Kristi Onstot
Executive Council
L O C A L

Subject: Storm Damages to Bremer ISICS Communication Tower on May 26, 2024
Department of Public Safety
Claim dated August 15, 2024
AOS Claim ID: 3799

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 damages incurred by the Department of Public Safety is covered by Chapter 29C.20 of the Code of Iowa. The damages will likely qualify for disaster assistance provided through FEMA Declared Disaster 4784. Therefore, we recommend Executive Council approval in the amount of \$20,000.00, subject to an audit of actual invoices. Once the amount of disaster assistance provided through FEMA has been determined, the approved allocation should be reduced by that amount. A reimbursement request should be submitted by the Department for the State's share of costs only.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian R. Brustkern".

Brian R. Brustkern, CPA
Deputy Auditor of State

cc: Lieutenant Joshua Duden, Communications & Interoperability Bureau, Department
of Public Safety
Heather Hackbarth, Department of Management

Kim Reynolds
Governor
Adam Gregg
Lt. Governor



Department of Public Safety

Stephan Bayens
Commissioner

August 15, 2024

AON 29C20 allocation request ref. Bremer ISICS tower lightning strike damage

State of Iowa Executive Council:

On or around the night of 5-26-24, during a regional storm, the Bremer ISICS tower took a direct lightning strike causing severe electronic damage to the tower electronic systems. Motorola tower repair crew responded on 5-27-24 and discovered the damage. Some items were able to be repaired but additional parts are on order.

Motorola Warranty Representative Dave Gordon was able to provide the DPS Interoperability Communications Bureau an estimate of \$20,000 for repairs to the tower. Repairs will commence when a tower crew becomes available.

The DPS Interoperability Communications Bureau is respectfully submitting a 29C20 Allocation Request for \$0,000 regarding this act of nature damage.

Thank you for your consideration.

Sincerely,

Lieutenant Joshua Duden
Iowa DPS Communications & Interoperability Bureau
Office of the Commissioner
215 E. 7th Street
Des Moines, IA 50319

**5-21-24 thru 5-31-24
ISICS Sites Storm Damage
Budgetary Repair Estimates for FEMA Notification**

State of IA Property	Site Name	County	Tower Height (FT)	Address	Date Damage Occurred	Storm Damage Summary	Budgetary Repair Estimate
DPS ISICS Communication Tower	Adair South	Adair	195	602 SW 2nd St, Greenfield, IA 50849	5/21/2024	<p>This tower site and compound has severe damage from a tornado. The tower was originally built by the State of Iowa -ISICS and used as a microwave system (relay) tower to connect adjacent ISICS towers. The adjacent ISICS towers are Adams and Adair North.</p> <p>This estimate is based on the worst case scenario that the tower will need to be torn down and a new tower built. At the time of the estimate it is too early to know if it can be repaired and be reused.</p> <p>The tower is not safe to be climbed by tower crews. A plan is in the works to get a crane with a basket so the crew can remove all the debris and look for safety hazards. This had to be done in order to get tower climbers on the tower to try and stabilize things on the tower to keep it operational. Another big wind storm could take this site off line and cause various communication issues for ISICS users and Adair County.</p> <p>This estimate is based on all new equipment to be installed on the tower for ISICS. The initial site inspection shows too much damage and everything should be replaced. One of the microwave dishes was blown off the tower and could not be located. Five of the microwave dishes were severely damaged. Only two dishes are working at very poor levels. The microwave cables are hanging off the tower and have been damaged.</p> <p>The fence around the compound was damaged and will need to be replaced completely.</p> <p>Please note that this tower initially did not have radio system equipment. A separate estimate is below for Adair counties' system.</p>	\$ 2,000,000.00
DPS ISICS Communication Tower	Adams	Adams	345	2000 200th St, Coming, IA 50841	5/21/2024	<p>This tower site was damaged by a tornado. The initial site inspection noted that the foundation of the tower was damaged.</p> <p>This estimate is based on the worst case scenario that the tower will need to be torn down and a new tower built. At the time of the estimate it is too early to know if it can be repaired and be reused.</p>	\$ 1,900,000.00
DPS ISICS Communication Tower	Tama	Tama	300	3277 L Ave, Tama, IA 52339	5/21/2024	<p>The initial site inspection noted that one of the radio system antennas is damaged from the storm. This antenna will need to be replaced by a tower crew.</p> <p>This estimate is based on removal of the damaged antenna and a new antennas installed.</p>	\$ 20,215.00
DPS ISICS Communication Tower	Cerro Gordo	Mason City	350	4425 South Washington, Mason City, IA 50401	5/21/2024	<p>The initial site inspection found damage on this tower due to recent storms.</p> <p>One of the radio system antennas was tilted due to high winds. This will require a tower crew to climb the tower and straighten.</p> <p>Clear Lake PD reported that they started having radio coverage issues around 5-22. There were severe storms on 5-21-24.</p>	\$ 17,750.00
DPS ISICS Communication Tower	Underwood	Pottawattamie	300	2025 Hunt Ave, Council Bluffs, IA 51503	5/21/2024	<p>In reviewing the microwave radio health report it was found that the microwave dishes between the Harrison site and Underwood site were affected. The Receive Signal Levels (RSL's) changed which indicates one or more of the dishes have moved due to high winds. This change happened between 5-21 and 5-24. This will require a tower crew to climb the tower and align the dishes to improve the RSL's.</p>	\$ 18,840.00
DPS ISICS Communication Tower	Harrison	Harrison	360	600 N Tower Road, Logan, IA 51546	5/21/2024	<p>In reviewing the microwave radio health report it was found that the microwave dishes between the Harrison site and Underwood site were affected. The Receive Signal Levels (RSL's) changed which indicates one or more of the dishes have moved due to high winds. This change happened between 5-21 and 5-24. This will require a tower crew to climb the tower and align the dishes to improve the RSL's.</p>	\$ 18,840.00
DPS ISICS Communication Tower	Bremer	Bremer	325	3001 East Bremer Avenue, Waverly, IA 50677	5/26/2024	<p>The initial site inspection found that this tower was struck by lightning.</p> <p>Upon arrival several AC breakers had been tripped in the main box. Damage was found on the microwave system. Three RAC cards were not working. One ODU radio was not working. The propane tank monitor system was not working.</p> <p>This estimate is based on replacing all the damaged equipment. The ODU radio is up on the tower mounted to the microwave dish. This will require a tower crew to climb the tower to remove the damaged ODU and install a replacement.</p>	\$ 16,660.00
DPS ISICS Communication Tower	Fayette	Fayette	395	11562 210th St, West Union, IA 52175	5/26/2024	<p>The initial site inspection found damage on this tower due to recent storms.</p> <p>The microwave dishes between the Fayette site and Clayton site were affected. The Receive Signal Levels (RSL's) changed which indicates one or more of the dishes have moved due to high winds. This will require a tower crew to climb the tower and align the dishes to improve the RSL's.</p>	\$ 18,840.00
DPS ISICS Communication Tower	Story	Story	395	57073 US-30, Ames, IA 50010	5/31/2024	<p>The initial site inspection found damage on this tower due to recent storms.</p> <p>The radio system antennas were tilted due to high winds. This will require a tower crew to climb the tower and straighten them.</p> <p>The microwave dishes between the Story site and Mitchellville site were affected. The Receive Signal Levels (RSL's) changed which indicates one or more of the dishes have moved due to high winds. This will require a tower crew to climb the tower and align the dishes to improve the RSL's.</p>	\$ 32,417.00
* Total Budgetary Repair Estimates							\$ 4,043,562.00

** The information provided in this budgetary estimate submission is provided for evaluation purposes only and does not constitute a binding offer to sell or license any Motorola Solutions product or services. Motorola Solutions is making no representation, warranties, or commitments with respect to pricing, products, payment terms, credit, or terms and conditions. A firm offer would require more information and further detailed analysis of the requirements.*

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Monday, June 3, 2024 3:39 PM
To: ExecutiveCouncil [TOS]; Hollingsworth, Tammy [AOS]
Cc: Hove Heath; Duden Joshua; Seiler Katelyn
Subject: FW: 6-3-24 Iowa DPS FEMA Notification of ISCIS Tower damage due to recent Statewide TORNADOS and STORMS

Executive Council and Tammy

Please see below. I have turned in 29C20 notifications on the seven towers identified below. I don't know how many will qualify yet for FEMA funding but we should know soon. FEMA will usually cover 90% of the damage and it will take a long time to process. The portions that is not covered would be covered by 29C20. When we know specifically what is covered and what is not, we will advise, but for now this is just to give you a heads-up and two for sure will be on the FEMA list (South Adair and Adams), possible up to seven.

Captain Richard Pierce
Bureau Chief | DPS Interoperability Communication Bureau
Office of the Commissioner
Iowa Department of Public Safety
215 East 7th Street | Des Moines, Iowa 50319
Office: 515-725-6113
Cell: 712-269-0730
pierce@dps.state.ia.us



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From: Pierce Richard
Sent: Monday, June 3, 2024 2:11 PM
To: Brown, Heidi <heidi.brown@iowa.gov>; Dave Gordon <dave.gordon@motorolasolutions.com>
Cc: Hove Heath (hove@dps.state.ia.us) <hove@dps.state.ia.us>; Josh Duden (duden@dps.state.ia.us) <duden@dps.state.ia.us>; Wittenwyler Jim (wittenwy@dps.state.ia.us) <wittenwy@dps.state.ia.us>; Seiler Katelyn <seiler@dps.state.ia.us>; Anderson Kristy <kanderson@dps.state.ia.us>
Subject: 6-3-24 Iowa DPS FEMA Notification of ISCIS Tower damage due to recent Statewide TORNADOS and STORMS

Hedi,

Please see the list below reference act of nature communication tower damage to the Iowa Statewide Interoperability Communication System (ISICS). Motorola representative Dave Gordon is compiling tower information

and damage estimates for all communication towers on this list. In the meantime, please accept this email as the required notification of potential FEMA covered damage. More information will be forwarded to you upon receipt.

5/21/2024	Adair South ISICS Tower - AON Direct Tornado strike (Severe site damage)
5/21/2024	Tama ISICS Tower - Broken antenna AON
5/21/2024	Poweshiek ISICS Tower - Loose cabling AON
5/21/2024	Adams ISICS Tower - Tower sway damaged cement leg braces AON
5/26/2024	Bremer ISICS Tower - Lightning Strike Damage AON
5/26/2024	Fayette ISICS Tower - Microwave link misalignment due to storm winds AON
5/31/2024	Story ISICS Tower - Bent Tower Antennas & Misaligned dish AON

Also, I will be retiring on 6-28-24, so could you please send me the documentation necessary to remove myself from the FEMA Contact and authorization list and add Lt. Heath Hove and Sgt. Joshua Duden. Lt. Michael Current and Director Wittenwyler will also be remaining on the list. These personnel will need to receive all emails and information related to FEMA fund application process and notifications. Until I depart officially depart, I will remain as an advisor for the process, so if you can include me on all emails too that would be helpful.

Dave,

In addition to the Adair South and Adams ISICS towers, can you please add Tama, Poweshiek, Bremer, Fayette and Story to the FEMA damage spreadsheet. We will need all the same information and set up as what was developed on 12-15-21 FEMA Request Spreadsheet.

Thank you

Captain Richard Pierce
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Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Tuesday, May 28, 2024 4:04 PM
To: ExecutiveCouncil [TOS]; Hollingsworth, Tammy [AOS]
Cc: Seiler Katelyn; Dostal Sandra; Duden Joshua; Hove Heath; Richardson Scott; Brittain David; DAVID GORDON
Subject: 5-26-24 Initial 29C20 Notification ref. Bremer ISICS Tower - Lightning Strike Damage AON

Executive Council and Tammy

On or around the night of 5-26-24, during a regional storm, the Bremer ISICS Tower took a direct lightning strike causing severe electronic damage to the tower electronic systems. Motorola Tower repair crew responding on 5-27-24 and discovered the damage. Some items were able to be repaired but additional parts are on order. See a list of AON damage below:

- Tank Monitor not working properly
- Microwave polyphaser was blown for diversity link to Chickasaw MW
- Microwave RAC card was not working for diversity link to Chickasaw MW
- Microwave RAC card was not working for primary link to Chickasaw MW
- Microwave ODU was not working for primary link to Chickasaw MW
- Microwave RAC card was not working for link to Chickasaw County Nashua

Please accept this email as the initial 29C20 notification of 29C20 damage to the Bremer ISICS Tower. Receipt of damage photos and estimate are pending and will be forwarded upon receipt.

Captain Richard Pierce
Bureau Chief | DPS Interoperability Communication Bureau
Office of the Commissioner
Iowa Department of Public Safety
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From: Dave Gordon <dave.gordon@motorolasolutions.com>
Sent: Monday, May 27, 2024 2:24 PM
To: ISICSNOC <ISICSNOC@DPS.STATE.IA.US>

Cc: ISICS Statewide FSO <IOWAFSO@motorolasolutions.com>; Shari Schmitz <shari.schmitz@motorolasolutions.com>; Case Irwin <case.irwin@motorolasolutions.com>; DAVID GORDON <dave.gordon@motorolasolutions.com>
Subject: ** External Email Alert ** Bremer Storm 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 for review.

Good Afternoon,

Yesterday we responded to issues at Bremer. Various issues with the microwave and generator.

When the tech arrived there were several breakers tripped in the main box. After more investigation it was determined that the site was hit by lightning.

So far here is what was found after resetting the breakers:

- Tank Monitor not working properly
- Microwave polyphaser was blown for diversity link to Chickasaw MW
- Microwave RAC card was not working for diversity link to Chickasaw MW
- Microwave RAC card was not working for primary link to Chickasaw MW
- Microwave ODU was not working for primary link to Chickasaw MW
- Microwave RAC card was not working for link to Chickasaw County Nashua

We replaced RAC card for Chickasaw County Nashua and was able to re-establish the link.

We replaced both RAC cards for the primary and diversity link to Chickasaw MW.

We were able to establish one link to Chickasaw MW but will need to order an ODU.

We are working on getting parts ordered the rest and will continue to monitor the site.

Please let me know if you have 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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Newton, Victoria [TOS]

From: DAVID GORDON <dave.gordon@motorolasolutions.com>
Sent: Monday, May 27, 2024 2:24 PM
To: ISICSNOC
Cc: ISICS Statewide FSO; Shari Schmitz; Case Irwin; DAVID GORDON
Subject: ** External Email Alert ** Bremer Storm 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 for review.

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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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