

**Introduced by:** The Council President  
**At the request of:** The Administration (Department of Finance)

**Prepared by:** Department of Legislative Reference **Date:** July 15, 2019

**Referred to:** BUDGET AND APPROPRIATIONS Committee

Also referred for recommendation and report to municipal agencies listed on reverse.

CITY COUNCIL 19 - 0404

A BILL ENTITLED

AN ORDINANCE concerning

**Supplementary General Fund Operating Appropriation –  
Baltimore City Information and Technology Department – \$10,000,000**

FOR the purpose of providing a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department – Service 805 (Enterprise IT Delivery Services), to provide funding for the City's ransomware response and recovery; and providing for a special effective date.

BY authority of  
Article VI - Board of Estimates  
Section 8(b)(3) and (c)  
Baltimore City Charter  
(1996 Edition)

**\*\*The introduction of an Ordinance or Resolution by Councilmembers at the request of any person, firm or organization is a courtesy extended by the Councilmembers and not an indication of their position.**

**Agencies**

Department of Public Works	Baltimore City Public School System
Department of Real Estate	Baltimore Development Corporation
Department of Recreation and Parks	City Solicitor <input checked="" type="checkbox"/>
Department of Transportation	Comptroller's Office
Fire Department	Department of Audits
Health Department	Department of Finance <input checked="" type="checkbox"/>
Mayor's Office of Employment Development	Department of General Services
Mayor's Office of Human Services	Department of Housing and Community Development
Mayor's Office of Information Technology <input checked="" type="checkbox"/>	Department of Human Resources
Office of the Mayor	Department of Planning
Police Department	Other: _____
Other: _____	Other: _____
Other: _____	Other: _____
Environmental Control Board	Board of Estimates <input checked="" type="checkbox"/>
Fire & Police Employees' Retirement System	Board of Ethics
Labor Commissioner	Board of Municipal and Zoning Appeals
Parking Authority Board	Comm. for Historical and Architectural Preservation
Planning Commission	Commission on Sustainability
Wage Commission	Employees' Retirement System
Other: _____	Other: _____
Other: _____	Other: _____
Other: _____	Other: _____

**Boards and Commissions**

Board of Estimates	Board of Municipal and Zoning Appeals
Board of Ethics	Comm. for Historical and Architectural Preservation
Board of Municipal and Zoning Appeals	Commission on Sustainability
Employees' Retirement System	Wage Commission
Other: _____	Other: _____
Other: _____	Other: _____
Other: _____	Other: _____

CITY OF BALTIMORE  
ORDINANCE **19.288**  
Council Bill 19-0404

Introduced by: The Council President  
At the request of: The Administration (Department of Finance)  
Introduced and read first time: July 22, 2019  
Assigned to: Budget and Appropriations Committee  
Committee Report: Favorable  
Council action: Adopted  
Read second time: August 19, 2019

**AN ORDINANCE CONCERNING**

1                           **Supplementary General Fund Operating Appropriation –**  
2                           **Baltimore City Information and Technology Department – \$10,000,000**

3   FOR the purpose of providing a Supplementary General Fund Operating Appropriation in the  
4    amount of \$10,000,000 to the Baltimore City Information and Technology Department –  
5    Service 805 (Enterprise IT Delivery Services), to provide funding for the City’s ransomware  
6    response and recovery; and providing for a special effective date.

7   BY authority of  
8     Article VI - Board of Estimates  
9     Section 8(b)(3) and (c)  
10    Baltimore City Charter  
11    (1996 Edition)

12                           **Recitals**

13       The revenue appropriated by this Ordinance represents funds from the Assigned Fund  
14    Balance in excess of the revenue relied on by the Board of Estimates in determining the tax levy  
15    required to balance the budget for Fiscal Year 2019.

16       This additional revenue could not have been reasonably anticipated when the Ordinance of  
17    Estimates for Fiscal Year 2019 was formulated.

18       This appropriation is made necessary by a material change in circumstances since the  
19    Ordinance of Estimates for Fiscal Year 2019 was formulated or is for a new program that could  
20    not have been reasonably anticipated when that Ordinance of Estimates was formulated.

21       On June 26, 2019, the Board of Estimates recommended this appropriation to the City  
22    Council.

23       **SECTION 1. BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE,** That  
24    \$10,000,000 shall be made available to the Baltimore City Information and Technology

EXPLANATION: CAPITALS indicate matter added to existing law.  
[Brackets] indicate matter deleted from existing law.  
Underlining indicates matter added to the bill by amendment.  
~~Strike-out~~ indicates matter stricken from the bill by  
                          amendment or deleted from existing law by amendment.

**Council Bill 19-0404**

1 Department – Service 805 (Enterprise IT Delivery Services) as a Supplementary General Fund  
2 Operating Appropriation for Fiscal Year 2019, to provide funding for the City’s ransomware  
3 response and recovery. The source of revenue for this appropriation is funds from the Assigned  
4 Fund Balance in excess of the amount from this source that was relied on by the Board of  
5 Estimates in determining the tax levy required to balance the budget for Fiscal Year 2019.

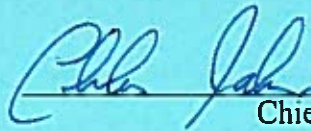
6 **SECTION 2. AND BE IT FURTHER ORDAINED,** That this Ordinance takes effect on the date it is  
7 enacted.

Certified as duly passed this \_\_\_\_\_ day of AUG 19 2019, 2019



\_\_\_\_\_  
President, Baltimore City Council

Certified as duly delivered to His Honor, the Mayor,  
this \_\_\_\_\_ day of AUG 19 2019, 2019



\_\_\_\_\_  
Chief Clerk

Approved this 29<sup>th</sup> day of Aug., 2019



\_\_\_\_\_  
Mayor, Baltimore City

# BALTIMORE CITY COUNCIL BUDGET AND APPROPRIATIONS COMMITTEE VOTING RECORD

DATE: July 25, 2019

BILL #: 19-0404

BILL TITLE: Supplementary General Fund Operating Appropriation – Baltimore City Information and Technology Department - \$10,000,000

MOTION BY: Pinkett      SECONDED BY: Middleton


- FAVORABLE                       FAVORABLE WITH AMENDMENTS  
 UNFAVORABLE                       WITHOUT RECOMMENDATION

NAME	YEAS	NAYS	ABSENT	ABSTAIN
Costello, Eric - Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pinkett, Leon - Vice Chair	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Henry, Bill	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
McCray, Danielle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middleton, Sharon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schleifer, Isaac	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sneed, Shannon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>TOTALS</b>	<u>6</u>	<u>1</u>	<u>1</u>	<u> </u>

CHAIRPERSON: Eric T. Costello, E.T. Costello

COMMITTEE STAFF: Marguerite M. Currin, Initials: M.M.C.



F R O M	<b>Name &amp; Title</b>	Frank Johnson, CIO	<b>CITY of BALTIMORE</b>  <b>MEMO</b>	
	<b>Agency Name &amp; Address</b>	Baltimore City Office of Information and Technology (BCIT) 401 E Fayette Street, 3 <sup>rd</sup> floor		
	<b>Subject Position:</b>	Supplemental 19-0404		

**To: President and Members  
of the City Council  
c/o 409 City Hall**

**July 23, 2019**

The Baltimore City Office of Information and Technology (BCIT) is pleased to have the opportunity to review 19-0404 -Supplementary General Fund Operating Appropriation - \$10,000,000. The purpose of this legislation is to provide funding for the City's ransomware response and recovery; and providing for a special effective date.

On May 7, 2019, Baltimore City Municipal Government became a victim of an extensive cyber-attack involving Robbinhood ransomware infection, IT-Systems in most business areas were impacted, affecting office operations.

BCIT has engaged industry-leading cyber-security experts who are on-site working alongside us in the recovery effort. As part of our containment strategy, we have deployed enhanced monitoring tools and implemented advanced security measures throughout our network to further strengthen and enhance the City's IT environment.

Based on the forgoing events, the Baltimore City Office of Information and Technology request a favorable report on Council Bill #19-0404.

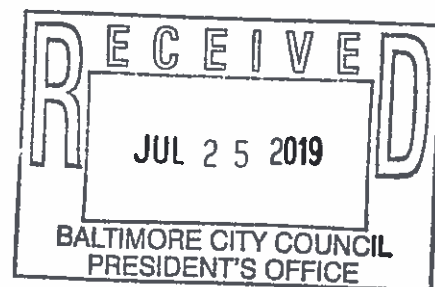
Respectfully,



Frank A. Johnson  
Chief Information Officer

FJ/lw

Cc: Sheryl Goldstein








*for Bob*

<b>FROM</b>	NAME & TITLE	Robert Cenname, Chief	CITY of BALTIMORE <b>MEMO</b>	
	AGENCY NAME & ADDRESS	Bureau of the Budget and Management Research Room 432, City Hall		
	SUBJECT	City Council Bill #19-0404-Supplementary General Fund Operating Appropriation-Baltimore City Information and Technology Department- \$10,000,000		

DATE:

**TO**

The Honorable President and  
 Members of the City Council  
 Room 400, City Hall

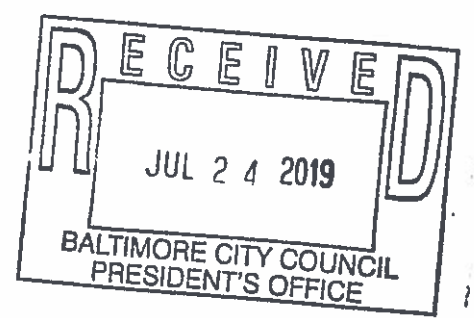
July 24, 2019

City Council Bill 19-0404 has been introduced for the purpose of providing a supplementary General Fund appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department-Service 805 (Enterprise IT Delivery Services) to provide funding for additional operating expenses associated with the ransomware attack; and providing a special effective date. The revenue appropriated per this Ordinance represents funds from Fund Balance.

The Department of Finance supports the passage of Council Bill 19-0404.

cc: Henry Raymond  
 Jeffrey Amoros

*f*





CITY OF BALTIMORE

BERNARD C. "JACK" YOUNG  
Mayor



DEPARTMENT OF LAW  
ANDRE M. DAVIS, CITY SOLICITOR  
100 N. HOLLIDAY STREET  
SUITE 101, CITY HALL  
BALTIMORE, MD 21202

July 23, 2019

The Honorable President and Members  
of the Baltimore City Council  
Attn: Natawna B. Austin, Executive Secretary  
Room 409, City Hall, 100 N. Holliday Street  
Baltimore, Maryland 21202

Re: City Council Bill 19-0404 – Supplemental General Fund Operating Appropriation  
– Baltimore City Information and Technology Department – \$10,000,000

Dear President and City Council Members:

The Law Department has reviewed City Council Bill 19-0404 for form and legal sufficiency. The bill provides a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department. The appropriation provides funding for the City's ransomware response and recovery.

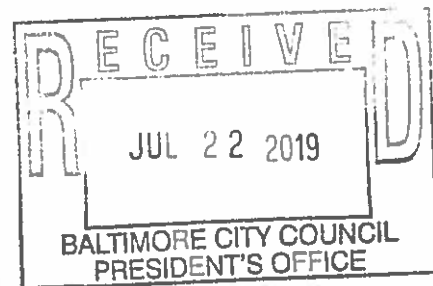
The City Charter establishes the criteria for making supplementary appropriations. City Charter, Art. VI, §8. Section 8(b)(3) of Article VI of the City Charter permits such a supplementary appropriation when there has been "a material change in circumstance or additional appropriations for new programs which could not reasonably be anticipated at the time of the formulation of the proposed Ordinance of Estimates" for Fiscal Year 2019. The supplementary appropriation must be recommended by the Board of Estimates and must be approved by the Mayor and City Council via an ordinance, which must identify the source of the funds and may only encompass a "single program, purpose, activity or project." City Charter, Art. VI, §8(c). The Law Department approves this bill for form and legal sufficiency.

Sincerely,

Handwritten signature of Victor K. Terval in black ink.

Victor K. Terval  
Chief Solicitor

cc: Andre M. Davis, City Solicitor  
Jeffrey Amoros, Mayor's Legislative Liaison  
Elena DiPietro, Chief Solicitor, General Counsel Division  
Hilary Ruley, Chief Solicitor  
Ashlea Brown, Assistant Solicitor



F



# City of Baltimore

City Council  
City Hall, Room 408  
100 North Holliday Street  
Baltimore, Maryland  
21202

## Meeting Minutes - Final

### Budget and Appropriations Committee

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Thursday, July 25, 2019

1:30 PM

Du Burns Council Chamber, 4th floor, City Hall

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19-0404

#### CALL TO ORDER

#### INTRODUCTIONS

#### ATTENDANCE

- Present** 6 - Member Eric T. Costello, Member Leon F. Pinkett III, Member Danielle McCray, Member Sharon Green Middleton, Member Isaac "Yitzy" Schleifer, and Member Shannon Sneed
- Absent** 1 - Member Bill Henry

#### ITEM SCHEDULED FOR PUBLIC HEARING

##### 19-0404

##### **Supplementary General Fund Operating Appropriation - Baltimore City Information and Technology Department - \$10,000,000**

For the purpose of providing a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department - Service 805 (Enterprise IT Delivery Services), to provide funding for the City's ransomware response and recovery; and providing for a special effective date.

**Sponsors:** City Council President (Administration)

A motion was made by Member Pinkett, III, seconded by Member Middleton, that Ordinance 19-0404 be recommended favorably. The motion carried by the following vote:

- Yes:** 6 - Member Costello, Member Pinkett III, Member McCray, Member Middleton, Member "Yitzy" Schleifer, and Member Sneed
- Absent:** 1 - Member Henry

#### ADJOURNMENT





**HEARING NOTES**

**Bill: 19-0404**

**Supplementary General Fund Operating Appropriation – Baltimore City Information and Technology Department - \$10,000,000**

**Committee:** Budget and Appropriations  
**Chaired By:** Councilmember Eric Costello  
**Hearing Date:** Thursday, July 25, 2019  
**Time (Beginning):** 1:35 PM  
**Time (Ending):** 2:00 PM  
**Location:** Curran Conference Room  
**Total Attendance:** Approximately 25

**Committee Members in Attendance:**

Eric Costello                      Isaac "Yitzy" Schleifer  
Leon Pinkett                      Sharon Green Middleton  
Danielle McCray                 Sharon Sneed

<b>Bill Synopsis in the file?</b> .....	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
<b>Attendance sheet in the file?</b> .....	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
<b>Agency reports read?</b> .....	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
<b>Hearing televised or audio-digitally recorded?</b> .....	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> n/a
<b>Certification of advertising/posting notices in the file?</b> .....	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> n/a
<b>Evidence of notification to property owners?</b> .....	<input type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> n/a
<b>Final vote taken at this hearing?</b> .....	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> n/a
<b>Motioned by:</b> .....	<b>Councilmember Pinkett</b>		
<b>Seconded by:</b> .....	<b>Councilmember Middleton</b>		
<b>Final Vote:</b> .....	<b>Favorable</b>		

**Major Speakers**  
*(This is not an attendance record.)*

- Frank Johnson, Director, Baltimore City Information and Technology Department (BCIT)
- Todd Carter, Baltimore City Information and Technology Department
- Daniel Ramos, Department of Finance

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## Major Issues Discussed

1. The chairman stated, "Let's talk about what the \$10 million is for!"
2. The Director of BCIT talked about the background of the bill and the uses of the funding for same.
3. The chairman and other committee members stated some concerns, made comments and asked questions. Some highlights of same were:
  - To BCIT
    - Thus far only \$5.2 million has been spent! What is the timeline for spending the remaining \$4.8 million?
    - Do you expect any additional supplemental(s) in fiscal year 2020?
    - Where is the information regarding the ransomware located on the website?
    - Where are you with the Disaster Recovery Plan?
      - Is it a written document?
      - Is the strategy written down somewhere?
      - "This is a yes or no answer" - Does the document exist? **Answer: No**
      - What is the plan and/or steps for producing the Plan?
      - What is the timeframe for finalizing the plan and/or document?
        - (Are you saying the document could take up to 3 to 9 months to finalize?)
      - Do you think you will need expertise from outside of your agency to assist with the Plan?
      - It is very concerning that we don't have a Plan yet!
      - What we need to understand is what is being done to expedite the Plan and/or process!
      - Hope that BCIT will have the same sense of urgency for the Plan as the City Council does!
  - To Finance Department
    - Has BCIT been responsive to your concerns and/or communications? **Answer: Yes**
    - Concern: Prioritizing expenditures for this issue. Is Finance willing to prioritize expenditures for same? **Answer: Yes**
    - What is the other \$4.8 million for? **Answer: This is the estimation for other expenditures relating to this issue**
      - So, this is an estimation! What happens if there are any funds left over? **Answer: Those funds would be carried forward.**
    - How many of the vendors used were "local vendors?"
  - Comments regarding the newly established Cybersecurity Committee
    - Comments regarding the committee
    - Looks forward to working with the different agencies!
4. **Request by Committee member Schleifer to BCIT:**
  - Provide an itemized list of all vendors used to include:
    - Total expenditures for each vendor



- The type of services provided by each vendor and
- The information should be submitted by early next week and/or before the August 19<sup>th</sup> Council Meeting.

5. Vote taken.

**Further Study**

**Was further study requested?**

Yes  No

**If yes, describe.**

**Committee Vote:**

E. Costello: ..... **Yea**  
 L. Pinkett: ..... **Yea**  
 B. Henry: ..... **Absent**  
 D. McCray: ..... **Yea**  
 S. Middleton: ..... **Yea**  
 I. Schleifer: ..... **Yea**  
 S. Sneed: ..... **Yea**

*Marguerite M. Currin*

Marguerite M. Currin, Committee Staff

Date: July 26, 2019

cc: Bill File  
 OCS Chrono File



Submitted by  
BEIT  
19-0464  
11-25-19

Baltimore City Ransomware Attack Contract Costs Incurred as of 7/11/2019

**Professional Services Contracts Related to Ransomware**

Ransomware dollars spent on six security consultant firms to complete forensic analysis and detection on workstations, network devices, servers, and databases. These firms also assisted in the hardening overall and overall protection of Baltimore City's computing environment.

\$ 2,810,575

Baltimore City partnered with the following vendors: FireEye INC., Clark Hill PLC., Seculore Solutions LLC, DynTek Services LLC, MicroSoft, and Crypsis Digital Security LLC  
DBA: Crypsis Group

Ransomware dollars spent on computer technicians that deployed workstations, laptops and replacement hard drives for ransomware impacted devices. The State of Maryland also contributed technicians to help with these tasks.

\$ 485,755

Ransomware dollars spent for staff augmentation overtime (for existing staff) and expertise for several infrastructure tools

\$ 111,742

**Equipment Purchases Related to Ransomware**

Dollars spent on the purchase of hardware(workstations, monitors etc.) and software related to ransomware recovery

\$ 1,902,474

**Total Professional Services and Equipment Contract Costs to date** \$ 5,310,546

Contract costs incurred as of 7/11/2019



# City of Baltimore

City Council  
City Hall, Room 408  
100 North Holliday Street  
Baltimore, Maryland  
21202

## Meeting Agenda - Final

### Budget and Appropriations Committee

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Thursday, July 25, 2019

1:30 PM

Du Burns Council Chamber, 4th floor, City Hall

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19-0404

#### **CALL TO ORDER**

#### **INTRODUCTIONS**

#### **ATTENDANCE**

#### **ITEM SCHEDULED FOR PUBLIC HEARING**

19-0404

Supplementary General Fund Operating Appropriation - Baltimore City Information and Technology Department - \$10,000,000  
For the purpose of providing a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department - Service 805 (Enterprise IT Delivery Services), to provide funding for the City's ransomware response and recovery; and providing for a special effective date.

Sponsors:

City Council President (Administration)

#### **ADJOURNMENT**

**THIS MEETING IS OPEN TO THE PUBLIC**





# CITY OF BALTIMORE

## CITY COUNCIL HEARING ATTENDANCE RECORD

Committee: Budget and Appropriations      Chairperson: The Honorable Eric T. Costello  
 Date: Thursday, January 25, 2019      Time: 1:30 PM      Place: Clarence "Du" Burns Chambers  
 Subject: Ordinance - Supplementary General Fund Operating Appropriation - Baltimore City Information and Technology      CC Bill Number: 19-0404  
 Department - \$10,000,000

**PLEASE PRINT**

**IF YOU WANT TO TESTIFY PLEASE CHECK HERE**



FIRST NAME	LAST NAME	ST. #	ADDRESS/ORGANIZATION NAME	ZIP	EMAIL ADDRESS	TESTIFY	FOR	AGAINST	YES	NO	WHAT IS YOUR POSITION ON THIS BILL?	LOBBYIST: ARE YOU REGISTERED IN THE CITY
John	Doe	100	North Charles Street	21202	Johndoenbmore@yahoo.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
Johnson	Frank		B C I T									
Carter	Todd		" "									
Wines	Lindsay		" "									
<del>Wines</del>												

(\*) NOTE: IF YOU ARE COMPENSATED OR INCUR EXPENSES IN CONNECTION WITH THIS BILL, YOU MAY BE REQUIRED BY LAW TO REGISTER WITH THE CITY ETHICS BOARD. REGISTRATION IS A SIMPLE PROCESS. FOR INFORMATION AND FORMS, CALL OR WRITE: BALTIMORE CITY BOARD OF ETHICS, C/O DEPARTMENT OF LEGISLATIVE REFERENCE, 626 CITY HALL, BALTIMORE, MD 21202. TEL: 410-396-4730; FAX: 410-396-8483.







## **BALTIMORE CITY COUNCIL BUDGET AND APPROPRIATIONS COMMITTEE**

### **Mission Statement**

*On behalf of the Citizens of Baltimore City*, the mission of the Budget and Appropriations Committee is to analyze and oversee the continuing operations, efficiency, and functions of Baltimore City government.

The Committee provides regular oversight of the funding and spending practices of City agencies, periodically analyzes the budget reports and activities of those agencies, and maintains a high level of fiscal accountability in City government.

As a result of its analysis and oversight, the Committee will recommend reforms to improve the operations of any of these agencies; through legislative, administrative, and/or budgetary improvements.

**The Honorable Eric T. Costello  
Chairman**

**PUBLIC HEARING**

**THURSDAY, JULY 25, 2019  
1:30 PM**

**CLARENCE "DU" BURNS COUNCIL CHAMBERS**

***Council Bill Number 19-0404***

**Supplementary General Fund Operating Appropriation - Baltimore City  
Information and Technology - \$10,000,000**

## CITY COUNCIL COMMITTEES

### BUDGET AND APPROPRIATIONS

Eric Costello – Chair  
Leon Pinkett – Vice Chair  
Bill Henry  
Danielle McCray  
Sharon Green Middleton  
Isaac "Yitzy" Schleifer  
Shannon Sneed  
*Staff: Marguerite Currin*

### CYBERSECURITY AND EMERGENCY PREPAREDNESS

Eric Costello – Co-chair  
Isaac "Yitzy" Schleifer – Co-  
chair  
Sharon Green Middleton  
*Staff: Samuel Johnson*

### EDUCATION AND YOUTH

Zeke Cohen – Chair  
Mary Pat Clarke – Vice Chair  
John Bullock  
Kristerfer Burnett  
Leon Pinkett  
*Staff: Matthew Peters*

### EXECUTIVE APPOINTMENTS

Robert Stokes – Chair  
Kristerfer Burnett – Vice Chair  
Mary Pat Clarke  
Zeke Cohen  
Isaac "Yitzy" Schleifer  
*Staff: Marguerite Currin*

### HEALTH

Kristerfer Burnett – Chair  
Bill Henry, Vice Chair  
Mary Pat Clarke  
Edward Reisinger  
Isaac "Yitzy" Schleifer  
*Staff: Marguerite Currin*

### HOUSING AND URBAN AFFAIRS

John Bullock – Chair  
Isaac "Yitzy" Schleifer – Vice  
Chair  
Kristerfer Burnett  
Zeke Cohen  
Ryan Dorsey  
Bill Henry  
Shannon Sneed  
*Staff: Richard Krummerich*

### JUDICIARY

Eric Costello – Chair  
Mary Pat Clarke – Vice Chair  
John Bullock  
Leon Pinkett  
Edward Reisinger  
Shannon Sneed  
Robert Stokes  
*Staff: Matthew Peters*

### LABOR

Shannon Sneed – Chair  
Robert Stokes – Vice Chair  
Mary Pat Clarke  
Bill Henry  
Danielle McCray  
*Staff: Samuel Johnson*

### LEGISLATIVE INVESTIGATIONS

Kristerfer Burnett – Chair  
Danielle McCray – Vice Chair  
Ryan Dorsey  
Isaac "Yitzy" Schleifer  
Shannon Sneed  
*Staff: Matthew Peters*

### LAND USE

Edward Reisinger - Chair  
Shannon Sneed – Vice Chair  
Mary Pat Clarke  
Ryan Dorsey  
Sharon Green Middleton  
Leon Pinkett  
Robert Stokes  
*Staff: Jennifer Coates*

### PUBLIC SAFETY

Isaac "Yitzy" Schleifer – Chair  
Kristerfer Burnett – Vice Chair  
Zeke Cohen  
Danielle McCray  
Leon Pinkett  
Shannon Sneed  
*Staff: Richard Krummerich*

### TAXATION, FINANCE AND ECONOMIC DEVELOPMENT

Sharon Green Middleton – Chair  
Danielle McCray – Vice Chair  
Eric Costello  
Edward Reisinger  
Robert Stokes  
*Staff: Samuel Johnson*  
- Larry Greene (*pension  
only*)

### TRANSPORTATION

Ryan Dorsey – Chair  
Leon Pinkett – Vice Chair  
John Bullock  
*Staff: Jennifer Coates*

CITY OF BALTIMORE

BERNARD J. JACKSON, Mayor



OFFICE OF COUNCIL SERVICES

LARRY E. GREENE, Director  
415 City Hall, 100 N. Holliday Street  
Baltimore, Maryland 21202  
410-396-7215 Fax 410-545-7506  
email: larry.greene@baltimorecity.gov

## BILL SYNOPSIS

**Committee:** Budget and Appropriations

**Bill 19-0404**

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### Supplementary General Fund Operating Appropriation – Baltimore City Information and Technology Department - \$10,000,000

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**Sponsor:** *President Scott (Administration), et al*

**Introduced:** *July 22, 2019*

**Purpose:**

For the purpose of providing a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department – Service 805 (Enterprise IT Delivery Services), to provide funding for the City's ransomware response and recovery; and providing for a special effective date.

**Effective:** On the date it is enacted.

**Hearing Date/Time/Location:** Thursday, July 25, 2019/1:30 PM/Council Chambers

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### Agency Reports

Department of Law

Department of Finance

Baltimore City Information and Technology Department

Board of Estimates

Approved

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## Analysis

### Current Law

Article VI - Board of Estimates, Section 8 - Ordinance of Estimates - Deficiencies and Supplementary Appropriations of the Baltimore City Charter governs the mandates for supplementary appropriations.

**§ 8. Deficiencies: Supplementary appropriations.**

***(b) Supplementary appropriations — when authorized.***

Except as provided herein, the Ordinance of Estimates shall include all the moneys to be appropriated by the City for all purposes for the fiscal year for which the ordinance is applicable. Additional appropriations shall be permitted during the fiscal year only in the following circumstances and under the following conditions:

***(1) Excess revenues.***

Revenues from any source other than the full rate property tax and other taxes imposed under the authority of Article II, in excess of or in addition to those relied upon by the Board of Estimates in determining the tax levy required to balance the budget, may be made available for expenditure by the municipal agency responsible for the production of such revenues by a supplementary appropriation ordinance recommended to the City Council by the Board of Estimates, duly passed by the City Council by a majority vote of its members and approved by the Mayor.

***(3) Material changes; new programs.***

Further appropriations for programs included in the proposed Ordinance of Estimates made necessary by a material change in circumstances, or additional appropriations for new programs which could not reasonably be anticipated at the time of the formulation of the proposed Ordinance of Estimates may be made available to the appropriate municipal agency for expenditure by a supplementary appropriation ordinance recommended to the City Council by the Board of Estimates, duly passed by the City Council by a vote of three-fourths of its members and approved by the Mayor.

***(c) Supplementary appropriations — Requisites of ordinance.***

Every such further or additional appropriation shall be embodied in a separate ordinance limited to a single program, purpose, activity or project therein stated, and each such supplementary appropriation ordinance shall also, anything contained in the Charter to the contrary notwithstanding, provide the revenue necessary to pay the appropriation by a source, other than the full rate property tax, imposed under the authority of Article II. The revenue shall be levied and collected as directed in the ordinance. The estimate of the revenues to be derived from any source proposed in a supplementary appropriation ordinance shall be made by the Board of Estimates.

### Background

The supplemental appropriation will provide funding for additional operating expenses for the Baltimore City Information and Technology Department (BCIT) due to the May 2019 ransomware attack on Baltimore City government. The funding is also required to close-out the Department's budget for fiscal year 2019 which ended on June 30, 2019. The funding will be allocated to Service 805 – Enterprise IT Delivery Service. ***A copy of fiscal year 2019 budget for Service 805 is attached.***

Upon the approval of the City Council and Mayor, Council Bill 19-0404 will complete the process necessary to allocate these funds to the BCIT Department.

### Additional Information

**Fiscal Note:** The \$10 million funding will be drawn from the Assigned Fund Balance.

**Information Source(s):** City Charter, Council Bill 19-0404, Board of Estimates and all agency reports received as of this writing.

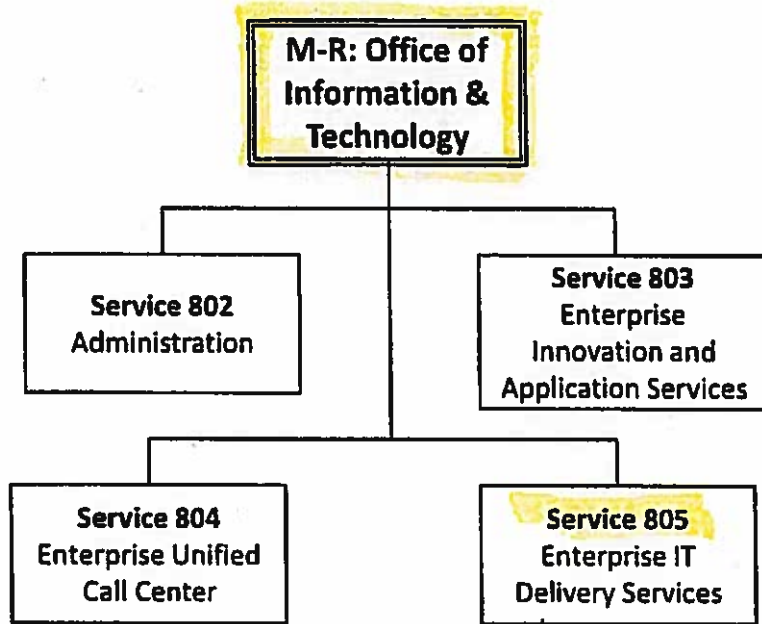
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*Marguerite M. Currin*

Analysis by: Marguerite M. Currin  
Analysis Date: July 23, 2019

Direct Inquiries to: 443-984-3485









**Service 805: Enterprise IT Delivery Services**

**Priority Outcome: Accountability and Transparency**

**Agency: M-R: Office of Information Technology**

**Service Description:** This service is responsible for maintaining the City's Internet connectivity, CCTV operation, 800MHz Safety Radio System infrastructure and connectivity, mainframe infrastructure, and help desk support. This service also manages an Internal Service Fund for hardware and software maintenance in City offices.

Fund	Fiscal 2017 Actual		Fiscal 2018 Budget		Fiscal 2019 Recommended	
	Dollars	Positions	Dollars	Positions	Dollars	Positions
General	\$4,491,030	15	\$6,968,086	20	\$8,512,786	22
Internal Service	\$6,146,236	5	\$8,452,091	5	\$8,961,420	6
Special	-	-	\$100,000	-	-	-
<b>TOTAL</b>	<b>\$10,637,266</b>	<b>20</b>	<b>\$15,520,177</b>	<b>25</b>	<b>\$17,474,206</b>	<b>28</b>

**PERFORMANCE MEASURES**

Type	Measure	FY14 Actual	FY15 Actual	FY16 Actual	FY17 Target	FY17 Actual	FY18 Target	FY19 Target
Outcome	% of users who are able to complete a BaltimoreCity.gov transaction	25%	78%	85%	99%	88%	99%	99%
Output	% of Help Desk mean acknowledgement response times for critical priority tickets within 15 minutes	80%	80%	95%	99%	96.5%	99%	99%
Effectiveness	Availability of critical systems	94%	99%	95%	99%	96%	99%	99%
Effectiveness	% of Helpdesk resolution times for critical priority tickets within 4 hours	50%	93%	95%	95%	96%	95%	95%

BCIT has the sole responsibility for providing 100% support of the City of Baltimore's network infrastructure that currently supports 15,000 users across the City of Baltimore. Currently, BCIT is providing 96% network uptime. The majority of BaltimoreCity.gov transactions are online bill payments. Failed transactions could be caused by factors such as timeouts or user cancellations.

**MAJOR BUDGET ITEMS**

- The recommended budget for the 800 MHz Internal Service Fund reflects the full costs of operating the city's emergency communications system, which includes the 800MHz Land-Mobile Radio (LMR) system and Computer Aided Dispatch (CAD) used by public safety personnel in multiple agencies. These costs are allocated to City agencies based on the number of system radios they use.
- The Hardware and Software Replacement Internal Service Fund supports the citywide hardware and software refresh program, budgeted at \$3 million for Fiscal 2019.
- The Computer-Aided Dispatch (CAD) Redundancy funding (\$900,000) will support the hiring of 6 new personnel and equipment to ensure that the system is online at all times. The CAD system stores information on 911 callers and presents that information to 911 dispatchers as an integral part of the City's combined communication centers.

**CHANGE TABLE-GENERAL FUND**

<b>FISCAL 2018 ADOPTED BUDGET</b>	<b>\$6,968,086</b>
<b><u>Changes with service impacts</u></b>	
Fund Information Technology Specialist for Infrastructure support	95,429
Fund Computer-Aided Dispatch Redundancy Plan	900,000
Increase for new fiber lines and supplies for fiber leasing	101,000
Fund Information Technology Specialist for customer support	92,270
<b><u>Adjustments with no service impact</u></b>	
Salary Adjustment	34,506
Adjustment for pension cost allocation	90,877
Adjustment for health benefit costs	(15,591)
Change in allocation for workers' compensation expense	110
Change in inter-agency transfer credits	(25,193)
Increase in employee compensation and benefits	127,919
Increase in contractual services expenses	92,360
Increase in operating supplies and equipment	51,013
<b>FISCAL 2019 RECOMMENDED BUDGET</b>	<b>\$8,512,786</b>

AGENCY: 4303 Office of Information and Technology

SERVICE: 805 Enterprise IT Delivery Services

**SERVICE BUDGET SUMMARY**

	Actual FY 2017	Budgeted FY 2018	Recommended FY 2019	Change In Budget
<b>EXPENDITURES BY OBJECT:</b>				
0 Transfers	-1,085,778	-1,095,360	-1,120,553	-25,193
1 Salaries	1,455,675	2,630,923	3,088,519	457,596
2 Other Personnel Costs	596,147	697,233	844,460	147,227
3 Contractual Services	3,139,437	5,895,213	6,077,440	182,227
4 Materials and Supplies	23,038	58,092	160,918	102,826
5 Equipment - \$4,999 or less	5,630,036	6,167,374	6,329,902	162,528
6 Equipment - \$5,000 and over	868,401	1,160,048	2,086,729	926,681
7 Grants, Subsidies and Contributions	10,310	6,654	6,791	137
<b>TOTAL OBJECTS</b>	<b>\$10,637,266</b>	<b>\$15,520,177</b>	<b>\$17,474,206</b>	<b>\$1,954,029</b>
<b>EXPENDITURES BY ACTIVITY:</b>				
1 Infrastructure Support Services	9,007,850	1,375,675	1,910,249	534,574
4 Casino Support-Fiber optic Infrastructure	0	100,000	0	-100,000
5 Customer Support Service	1,167,700	1,517,958	1,624,063	106,105
6 Information Security	189,027	684,643	792,283	107,640
7 Server Maintenance	164,066	2,491,936	2,549,250	57,314
8 Network Maintenance	0	759,184	776,645	17,461
9 Fiber	108,623	138,690	260,296	121,606
10 800 MHZ	0	5,387,100	5,525,335	138,235
13 Hardware and Software Replacement	0	3,064,991	3,136,085	71,094
14 Computer Aided Dispatch	0	0	900,000	900,000
<b>TOTAL ACTIVITIES</b>	<b>\$10,637,266</b>	<b>\$15,520,177</b>	<b>\$17,474,206</b>	<b>\$1,954,029</b>
<b>EXPENDITURES BY FUND:</b>				
General	4,491,030	6,968,086	8,512,786	1,544,700
Internal Service	6,146,236	8,452,091	8,961,420	509,329
Special	0	100,000	0	-100,000
<b>TOTAL FUNDS</b>	<b>\$10,637,266</b>	<b>\$15,520,177</b>	<b>\$17,474,206</b>	<b>\$1,954,029</b>

AGENCY: 4303 Office of Information and Technology

SERVICE: 805 Enterprise IT Delivery Services

**SERVICE SALARIES AND WAGES FOR PERMANENT FULL-TIME FUNDED POSITIONS**

Class Code	Position Class Title	Grade	FY 2018	FY 2019	Changes		Recommended	
			Budget	Projected	Number	Amount	FY 2019 Budget	Amount
<b>General Fund</b>								
1	Permanent Full-time							
00091	OPERATIONS MANAGER II	942	1	98,425	0	3,983	1	102,408
00094	OPERATIONS DIRECTOR II	969	1	144,228	0	5,798	1	150,026
10153	IT PROJECT MANAGER	929	1	85,272	0	3,786	1	89,058
10241	IT DIVISION MANAGER	942	3	379,428	0	15,370	3	394,798
33107	IT SPECIALIST I - MOIT	923	0	0	2	110,594	2	110,594
33159	INFORMATION TECHNOLOGY SPECIAL	902	14	685,975	0	192,458	14	878,433
<b>Total 1 Permanent Full-time</b>			<b>20</b>	<b>1,393,328</b>	<b>2</b>	<b>331,989</b>	<b>22</b>	<b>1,725,317</b>
<b>Internal Service Fund</b>								
1	Permanent Full-time							
10153	IT PROJECT MANAGER	929	2	184,846	0	7,436	2	192,282
33159	INFORMATION TECHNOLOGY SPECIAL	902	2	126,480	0	18,809	2	145,289
33193	NETWORK SYSTEMS ADMINISTRATOR	936	0	0	1	98,800	1	98,800
90000	NEW POSITION	900	1	104,081	0	2,082	1	106,163
<b>Total 1 Permanent Full-time</b>			<b>5</b>	<b>415,407</b>	<b>1</b>	<b>127,127</b>	<b>6</b>	<b>542,534</b>
<b>Total All Funds</b>			<b>25</b>	<b>1,808,735</b>	<b>3</b>	<b>459,116</b>	<b>28</b>	<b>2,267,851</b>

Council Bill 19-0404

# AGENCY REPORTS

(None received as of  
this writing)



**CITY OF BALTIMORE  
COUNCIL BILL 19-0404  
(First Reader)**

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Introduced by: The Council President  
At the request of: The Administration (Department of Finance)  
Introduced and read first time: July 22, 2019  
Assigned to: Budget and Appropriations Committee

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REFERRED TO THE FOLLOWING AGENCIES: City Solicitor, Department of Finance, Board of Estimates, Baltimore City Information and Technology Department

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A BILL ENTITLED

1 AN ORDINANCE concerning

2 **Supplementary General Fund Operating Appropriation –**  
3 **Baltimore City Information and Technology Department – \$10,000,000**

4 FOR the purpose of providing a Supplementary General Fund Operating Appropriation in the  
5 amount of \$10,000,000 to the Baltimore City Information and Technology Department –  
6 Service 805 (Enterprise IT Delivery Services), to provide funding for the City’s ransomware  
7 response and recovery; and providing for a special effective date.

8 BY authority of  
9 Article VI - Board of Estimates  
10 Section 8(b)(3) and (c)  
11 Baltimore City Charter  
12 (1996 Edition)

13 **Recitals**

14 The revenue appropriated by this Ordinance represents funds from the Assigned Fund  
15 Balance in excess of the revenue relied on by the Board of Estimates in determining the tax levy  
16 required to balance the budget for Fiscal Year 2019.

17 This additional revenue could not have been reasonably anticipated when the Ordinance of  
18 Estimates for Fiscal Year 2019 was formulated.

19 This appropriation is made necessary by a material change in circumstances since the  
20 Ordinance of Estimates for Fiscal Year 2019 was formulated or is for a new program that could  
21 not have been reasonably anticipated when that Ordinance of Estimates was formulated.

22 On June 26, 2019, the Board of Estimates recommended this appropriation to the City  
23 Council.

24 **SECTION 1. BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE, That**  
25 **\$10,000,000 shall be made available to the Baltimore City Information and Technology**  
26 **Department – Service 805 (Enterprise IT Delivery Services) as a Supplementary General Fund**

EXPLANATION: CAPITALS indicate matter added to existing law.  
[Brackets] indicate matter deleted from existing law.

**Council Bill 19-0404**

1     Operating Appropriation for Fiscal Year 2019, to provide funding for the City's ransomware  
2     response and recovery. The source of revenue for this appropriation is funds from the Assigned  
3     Fund Balance in excess of the amount from this source that was relied on by the Board of  
4     Estimates in determining the tax levy required to balance the budget for Fiscal Year 2019.

5             **SECTION 2. AND BE IT FURTHER ORDAINED,** That this Ordinance takes effect on the date it is  
6     enacted.



FROM

NAME & TITLE: Robert Cename, Chief *for Be*

AGENCY: Bureau of the Budget and Management Research  
Room 432, City Hall (410) 396-4941

SUBJECT: Emergency General Fund Supplemental Appropriation:  
\$10 million for ransomware response and recovery

CITY OF  
BALTIMORE  
**MEMO**



TO

DATE

The Honorable President and  
Members of the City Council  
Room 400, City Hall

May 16, 2019

Dear President and Members:

**ACTION REQUESTED OF B/E:**

The Department of Finance request approval of a \$10,000,000 General Fund supplemental appropriation to the Baltimore City Information and Technology Department, Service 805: Enterprise IT Delivery Services.

**AMOUNT OF MONEY AND SOURCE OF FUNDS:**

Assigned fund balance will provide the source of funds for the \$10,000,000 General fund supplemental.

**BACKGROUND AND EXPLANATION:**

The Department of Finance proposes a \$10,000,000 emergency supplemental appropriation funding the City's ransomware response and recovery.

The extent of the Robbinhood ransomware attack was noticeable Wednesday, May 8th as some city systems remained offline and several departments reported email and phone issues. Once detected, City servers were shut down, and employees were instructed to disconnect all devices from the network.

In response to the cyber-attack, the Department of Finance proposes a \$10,000,000 supplemental to the Baltimore City Information and Technology Department funding the City's response and recovery from the ransomware attack. The proposed supplemental covers; staffing; cyber security consultants; laptops, mobile Wi-Fi hotspots, and other critical technology devices enabling the City to continue operations; and other cost associated with recovery.

The Department of Finance recommends that the Board approves the supplemental request.

**MBE/WEB PARTICIPATION:** N/A

BALTIMORE CITY RESIDENTS FIRST (BCRF):

BCRF Applicable:  yes  NO

APPROVED BY THE BOARD OF ESTIMATES

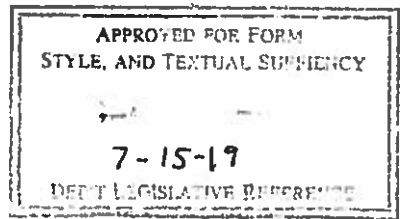
*Jonathan Pratt*

Clerk JUN 26 2019 Date

APPROVED FOR FUNDS  
JUN 20 2019  
*RWF*  
BUDGET & MGMT. RESEARCH



**INTRODUCTORY\***  
**CITY OF BALTIMORE**  
**COUNCIL BILL \_\_\_\_\_**



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Introduced by: The Council President  
At the request of: The Administration (Department of Finance)

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A BILL ENTITLED

AN ORDINANCE concerning

**Supplementary General Fund Operating Appropriation –  
Baltimore City Information and Technology Department – \$10,000,000**

FOR the purpose of providing a Supplementary General Fund Operating Appropriation in the amount of \$10,000,000 to the Baltimore City Information and Technology Department – Service 805 (Enterprise IT Delivery Services), to provide funding for the City’s ransomware response and recovery; and providing for a special effective date.

BY authority of

Article VI - Board of Estimates  
Section 8(b)(3) and (c)  
Baltimore City Charter  
(1996 Edition)

**Recitals**

The revenue appropriated by this Ordinance represents funds from the Assigned Fund Balance in excess of the revenue relied on by the Board of Estimates in determining the tax levy required to balance the budget for Fiscal Year 2019.

This additional revenue could not have been reasonably anticipated when the Ordinance of Estimates for Fiscal Year 2019 was formulated.

This appropriation is made necessary by a material change in circumstances since the Ordinance of Estimates for Fiscal Year 2019 was formulated or is for a new program that could not have been reasonably anticipated when that Ordinance of Estimates was formulated.

On June 26, 2019, the Board of Estimates recommended this appropriation to the City Council.

**SECTION 1. BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF BALTIMORE,** That \$10,000,000 shall be made available to the Baltimore City Information and Technology Department – Service 805 (Enterprise IT Delivery Services) as a Supplementary General Fund

\* WARNING: THIS IS AN UNOFFICIAL, INTRODUCTORY COPY OF THE BILL.  
THE OFFICIAL COPY CONSIDERED BY THE CITY COUNCIL IS THE FIRST READER COPY.

Operating Appropriation for Fiscal Year 2019, to provide funding for the City's ransomware response and recovery. The source of revenue for this appropriation is funds from the Assigned Fund Balance in excess of the amount from this source that was relied on by the Board of Estimates in determining the tax levy required to balance the budget for Fiscal Year 2019.

**SECTION 2. AND BE IT FURTHER ORDAINED,** That this Ordinance takes effect on the date it is enacted.

100

100

100

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ACTION BY THE CITY COUNCIL

JUL 22 2019

FIRST READING (INTRODUCTION) \_\_\_\_\_

PUBLIC HEARING HELD ON July 25, 2019 \_\_\_\_\_ 20 \_\_\_\_\_

COMMITTEE REPORT AS OF August 19, 2019 \_\_\_\_\_ 20 \_\_\_\_\_

FAVORABLE \_\_\_\_\_ UNFAVORABLE \_\_\_\_\_ FAVORABLE AS AMENDED \_\_\_\_\_ WITHOUT RECOMMENDATION

[Signature]  
Chair

COMMITTEE MEMBERS:

COMMITTEE MEMBERS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SECOND READING: The Council's action being favorable (unfavorable), this City Council bill was (was not) ordered printed for Third Reading on:

AUG 19 2019

\_\_\_\_\_ 20 \_\_\_\_\_

\_\_\_\_\_ Amendments were read and adopted (defeated) as indicated on the copy attached to this blue backing.

THIRD READING \_\_\_\_\_ AUG 19 2019

\_\_\_\_\_ Amendments were read and adopted (defeated) as indicated on the copy attached to this blue backing.

THIRD READING (ENROLLED) \_\_\_\_\_ 20 \_\_\_\_\_

\_\_\_\_\_ Amendments were read and adopted (defeated) as indicated on the copy attached to this blue backing.

THIRD READING (RE-ENROLLED) \_\_\_\_\_ 20 \_\_\_\_\_

WITHDRAWAL \_\_\_\_\_ 20 \_\_\_\_\_

There being no objections to the request for withdrawal, it was so ordered that this City Council Ordinance be withdrawn from the files of the City Council.

\_\_\_\_\_  
President

\_\_\_\_\_  
Chief Clerk