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COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.MauiCounty.us

April 5, 2024

Mr. Bradford Ventura, Fire Chief
Department of Fire and Public Safety
County of Maui
Wailuku, Hawaii 96793

Dear Mr. Ventura:

SUBJECT: FISCAL YEAR ("FY") 2025 BUDGET (BFED-1) (FS-2)

May I please request you be prepared to answer the following questions at the BFED Committee meeting on **April 12, 2024**.^{*} This will enable the Committee to comprehensively review the FY 2025 Budget. May I further request that, after approval by the Office of the Mayor, you transmit your answers to bfed.committee@mauicounty.us by the end of the day on **April 12, 2024**. ^{*}*Date subject to change without notice.*

Overall

1. Please explain what the Department's "changing demographic" in its workforce is, as noted in the Department's External Factors Description. (Page 281, Program Budget) (TC)
2. Relating to Administration Program, Goal #1, item 1, what specific alternate sources of revenue and grants does the Department anticipate will increase the total amount by nearly double from FY 2024 to FY 2025? (Page 284, Program Budget) (TC)
3. As it relates to the Fire Hazard Removal Revolving Fund, does the Department have sufficient authority to mitigate overgrowth on parcels, even with out-of-State owners? If not, should this authority be shared between the Department and the Department of Public Works? (Page 318, Program Budget) (TC)

4. Index code 911256C-7044 for Other Equipment mentions cardiovascular disease is among the leading killers of fire and emergency service personnel. Are any components of the Department's budget, including equivalent personnel, allocated to address mental health and stress? (Page 293, Program Budget) (GJ)
5. How is the Department addressing the mental health needs of its employees who worked during the August 8, 2023, Lahaina wildfires? (TP)
6. Under Chapter 3.95, Maui County Code, the Fireworks Auditor Fund is established for the sole use of the Department of Fire and Public Safety. However, there does not appear to be an auditor position or mention of the fund in the Department's budget. Please confirm if the Fireworks Auditor Fund is still applicable for the Department. If not, please explain why. (TP)
7. Considering we have a growing community outpacing Department resources, what can we do to ensure public safety besides expanding to hire more firefighters? What types of modern technology can the County invest in? (Page 281, Program Budget) (NUH)
8. Relating to Fire Prevention Program, Goal #1, items 1 and 2, considering post-fire inspections, has the Department met the 100% goal for hotels and schools? Is additional fire protection necessary for some of the older buildings? (Page 313, Program Budget) (NUH)

Salaries and Wages (Category "A")

1. The following relates to the new Fire Captain (PIO/Pub Ed) position:
 - a. Please describe the job duties for the new Fire Captain (PIO/Pub Ed) position. (Page 286, Program Budget) (GJ) (YLS)
 - b. How do the duties differ from those performed by the Mayor's Communications and Government Affairs Office? What is the difference between this position and a Public Affairs Officer or a Public Information Officer? (GJ)
 - c. How are these duties currently being handled? (YLS)
 - d. How was the level of the position determined? (YLS)

2. As the threat of drought and climate change rises, how much time and labor, if any, under the Fire Prevention Program will be allocated to proactively address wildfire hazards? This includes monitoring areas known to be fire hazards and the wildland urban interface, instigating actions to abate brush, removing hazardous vegetation, and notifying property owners of brush abatement. Is this funding sufficient to monitor and address these kinds of hazards? If not, what is the Department's goal to meet this need? (GJ)
3. Please provide a status update on the vacancies listed in your FY 2024 Quarter 2 Budget Implementation Report. As some of these positions appear to be hard to fill, could any be redescribed to replace the requested new positions? (Pages 9-3, 9-10, 9-11, 9-20, 9-32, 9-37, 9-39, and 9-64, Budget Details) (ALL)
4. Will additional Firefighter III positions create a larger crew per apparatus or a higher-ranking crew? With more personnel assigned to stations, will additional equipment or accommodations be needed? (FS-1, BFED-1, FY25) (TP)
5. Has the Department of Personnel Services provided job descriptions for the Capital Improvement Project ("CIP") Coordinator, Safety Specialist III, and Fire Equipment Superintendent positions? Has Personnel generated an eligibility list for these new positions? (FS-1, BFED-1, FY25) (TP)
6. Now that there are only two Department CIPs, is a CIP Coordinator position still warranted? (Page 286, Program Budget) (TP)
7. Under the Department's proposed personnel and apparatus changes, is the Department suggesting that Battalion Chiefs operate in pairs consisting of Battalion Chiefs and Firefighter IIIs in the future? (Page 2, FS-1, BFED-1, FY25) (TP)
8. In the FY 2025 Budget Details, the E/P count increased from 416 in FY 2023 to 431 in FY 2024, an increase of 15 positions. However, in your response dated March 28, 2024, the Department lists only the Fire Captain, Firefighter III, CIP Coordinator, Safety Specialist III, Fire Equipment Superintendent and Ocean Safety Officer III, for a total of six E/P. How many expansion positions did the Department have in FY 2024? Are the remaining expansion positions for Pu'u Keka'a related to Kaanapali Operations Association, Inc.? (Page 9-2, Budget Details) (TP)

Operations and Equipment (Categories “B” and “C”)

1. What does the 546.2%, or \$635,000, increase in “Other Costs” under the Administration Program’s operations cover? (Page 285, Program Budget) (TC)
2. Under the Administration Program’s Goal #2, what are the three anticipated facilities for which a professional assessment will be completed in FY 2025? (Page 285, Program Budget) (TC)
3. Please provide a copy of the site selection study conducted for the proposed Kihei Fire Station. (Page 286, Program Budget) (TC)
4. The Department is requesting a compressor to replace one on Lāna‘i that is 21 years old. Are there similar issues at other remote or distant locations? (Page 292, Program Budget) (TC)
5. Please provide an explanation and breakdown for the 91.6% increase in the Fire/Rescue Operations Program travel costs. (Page 301, Program Budget) (TC)
6. Relating to Fire/Rescue Operations Program, Goal #1, item 2, \$90,000 is anticipated for servicing vehicles outside of the Department. Is it more economical to hire an additional mechanic or is this specialized work that requires outsourcing? (TC)
7. With the addition of three off-road mini pumpers for Makawao, Wailea, and Kihei, how were these locations selected? Which districts do not have off-road mini pumpers and why? (Page 306, Program Budget) (GJ)
8. Are the UTVs, ATVs, and RWCs requested by Ocean Safety Program electric models? If not, is there a reason the Department prefers gas-powered equipment and is there a plan or strategy to transition to greener models? (Pages 323-324, Program Budget) (GJ)
9. Relating to index code 911140B-6129 Professional Services, is it possible for the Department to utilize additional helicopters if all helicopters under the contracted service are exhausted? (Page 9-58, Budget Details) (TP)

10. For index code 911040C-7055, what does the Department plan to do with the old Lahaina rescue boat trailer? (Page 9-60, Budget Details) (TP)
11. Under index code 911076C-7030, what type of communication equipment is the Department requesting to purchase? (Page 9-62, Budget Details) (TP)
12. Under index code 911312C-7040, what types of vehicles would the four Fire Fighter III positions in the Fire Prevention Bureau require? (Page 9-69, Budget Details) (TP)
13. In light of the Department's request for the Watchtower software, what is the current software being used by the Department? Would this be a one-time cost for the software with no annual fee or maintenance? What is the estimated use of life? (Page 9-80, Budget Details) (TP)
14. Under index code 911777C-7048, will this new type of backboards be sent to the Emergency Room with the patient? (Page 9-79, Budget Details) (TP)
15. Under index code 911777C-7055, how are the inflatable collars deployed? Are they always on the rescue jet ski and inflated, do they need to be put on prior to launch, or could they be deployed while in the ocean? (Page 9-79, Budget Details) (TP)
16. For the tanker proposed in index code 911131C-7040, if the piped water system is compromised, where would it fill up? Would it be refilled at nearby lakes, reservoirs? (Page 9-63, Budget Details) (TP)
17. What type of portable radios will the Department be using? Would these radios have reception through mountainous areas? The Department of Public Works ("DPW") is looking into purchasing Motorola 4000 radios. To enhance the working relationships among County departments, has the Department worked with DPW to ensure proper inter-departmental communication? (TP)
 - a. Considering DPW operates heavy machinery and communicates with contracted heavy machinery services, it may be helpful for the Department to communicate outside of official channels. Has this method been utilized by other fire departments? How would you prevent mix-ups between different types of radios?

Mr. Bradford Ventura
April 5, 2024
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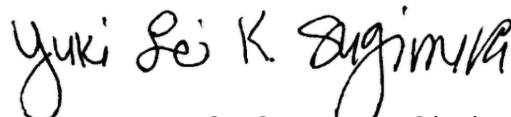
18. Under the Administration Program's expansion request for index code 911008B-6224 Physical Examinations, \$190,000 is for "industry standard" physical exams. How do these physical exams differ from current physical exams? (Page 9-7, Budget Details) (NUH)
19. If the Department adds an additional tanker truck noted in index code 911131C-7040, should additional positions be created to operate it? If so, how many expansion positions are necessary? (Page 307, Program Budget) (NUH)

Capital Improvement Projects

1. Has the Special Management Area permitting already occurred for the Kanaha Lifeguard Tower rebuild? (Page 902, Program Budget) (TP)
2. Under the Department's Countywide Fire Facilities CIP, how old is the Paia Fire Station Rooftop Solar Water System? (Page 902, Program Budget) (TP)
3. Under the Haiku Fire Station CIP, \$14,500,000 will be allocated for use towards "Other." Please elaborate on what this appropriation will be used for. (Page 905, Program Budget) (TP)

Thank you for your attention to this request. Should you have any questions, please contact me or the Committee staff (James Krueger at ext. 7761, Kasie Apo Takayama at ext. 7765, or Yvette Bouthillier at ext. 7758).

Sincerely,



YUKI LEI K. SUGIMURA, Chair
Budget, Finance, and Economic
Development Committee

bfed:2025bgt:240403afs01:jpp

cc: Mayor Richard T. Bissen, Jr.
Acting Budget Director

BFED Committee

From: BFED Committee
Sent: Friday, April 5, 2024 9:56 AM
To: Bradford Ventura
Cc: BFED Committee; Gavin Fujioka; Chasserae Kaawa; Richelle.Wakamatsu@co.maui.hi.us; Michelle Santos; Zeke Kalua; Lesley Milner; Kristina Cabbat
Subject: PLEASE READ attached letter re: FISCAL YEAR ("FY") 2025 BUDGET (BFED 1) (FS-2); reply by 04/12/2024
Attachments: 240403afs01 (fs-2) signed.pdf

Mr. Ventura: Please refer to the attached letter from the Budget, Finance, and Economic Development (BFED) Committee Chair, dated April 5, 2024. Please respond by **April 12, 2024**.

Mayor's Office (attention: Michelle Santos and Zeke Kalua): Please forward the attached letter to Mayor Bissen for his information.

Ms. Milner: FYI

Thank you,
Yvette Bouthillier, Senior Secretary
BFED Committee

RICHARD T. BISSEN, JR.
Mayor

JOSIAH K. NISHITA
Managing Director


BRADFORD K. VENTURA
Fire Chief

GAVIN L.M. FUJIOKA
Deputy Fire Chief



DEPARTMENT OF FIRE & PUBLIC SAFETY
COUNTY OF MAUI
200 DAIRY ROAD
KAHULUI, MAUI, HAWAII 96732
www.mauicounty.gov

April 11, 2024

Ms. Lesley Milner 
Acting Budget Director, County of Maui
200 South High Street
Wailuku, HI 96793

The Honorable Richard T. Bissen, Jr.
Mayor, County of Maui
200 South High Street
Wailuku, HI 96793

APPROVED FOR TRANSMITTAL


Mayor 4-12-24
Date

For Transmittal to:

The Honorable Yuki-Lei Sugimura
Chair, Budget, Fire, & Economic Development Committee
Maui County Council
200 South High Street
Wailuku, HI 96793

Dear Chair Sugimura,

SUBJECT: FISCAL YEAR (FY) 2025 BUDGET (BFED-1) (FS-2)

The Department of Fire & Public Safety is in receipt of your letter dated April 5, 2024. Please see our responses below.

Overall

1. Please explain what the Department's "changing demographic" in its workforce is, as noted in the Department's External Factors Description. (Page 281, Program Budget) (TC)

The "changing demographic" referred to in the budget narrative is simply the fact that as a general rule, our new hires are from a younger generation. They bring with them a different relationship to technology, different learning styles, value systems, expectations of authority, etc.

2. Relating to Administrative Program, Goal # 1, item 1, what specific alternate sources of revenue and grants does the Department anticipate will increase the total amount by nearly double from FY 2024 to FY 2025? (Page 284, Program Budget) (TC)

One large source of additional anticipated grant funding is the public assistance grants we are working with FEMA to secure as reimbursement for disaster-related expenses (damaged vehicles and equipment, helicopter time, heavy equipment rental, etc.) In conjunction with the Hawaii Wildfire Management Organization (HWMO) we also applied for a Community Wildfire Defense Grant in the amount of nearly \$4.5 million to fund additional Fire Fighter III (Inspector) positions and community outreach. These are in addition to the grant funding we apply for on a regular basis each year.

3. As it relates to the Fire Hazard Removal Revolving Fund, does the Department have sufficient authority to mitigate overgrowth on parcels, even with out-of-State owners? If not, should this authority be shared between the Department and the Department of Public Works? (Page 318. Program Budget) (TC)

Yes, the process is the same for out-of-state owners. Also, in FY 2024 the Fire Prevention Bureau implemented a collections process which should help with the mitigation process. We are not aware of the functionality regarding this matter for the Department of Public Works.

4. Index Code 911256C-7044 for Other Equipment mentions cardiovascular disease is among the leading killers of fire and emergency services personnel. Are any components of the Department's budget, including equivalent personnel, allocated to address mental health and stress? (Page 293. Program Budget) (GJ)

Yes. We have one additional position in the Health and Safety Bureau whose responsibilities will include supporting mental health and stress initiatives. The primary purpose for the six additional Fire Fighters for Wailuku Fire Station is to relieve members assigned at our busiest station from some of their more taxing burdens, including night time calls that can be handled by two or three personnel (e.g., routine medical responses, lift assists, etc.) The Professional Services funding is allocated to our clinical psychologist who the Department has retained for our personnel. Premium pay within Fire/Rescue Ops and Ocean Safety budgets contributes to overtime for personnel who serve on our Peer Support, Critical Incident Stress Management (CISM), and other Resilience and Wellness Team Programs. Additionally, a portion of the Training and Travel budgets has been and will be used to fund training and travel for team members to learn the latest tools to help our personnel combat the stressors of our profession.

5. How is the Department addressing the mental health needs of its employees who worked during the August 8, 2023, Lahaina wildfires? (TP)

The Department has expanded our Resilience and Wellness Team, adding a new Program Director along with additional personnel assigned to address a wide range of program components including but not limited to resiliency, nutrition,

technology, continued education, relationships, finances, retiree support, and physical fitness. The team has also been visiting stations to check in with our personnel and inform them of program developments.

The team has provided guidance for supervisors on how to check in with their personnel and determine whether they need next level attention. This could include meeting with designated, trained peer support members, scheduling sessions with the Department's clinical psychologist who specializes in first responder issues (at no cost to the employee), or utilizing the services of the County's Employee Assistance Program (EAP).

The Department continues to run and develop our longstanding Critical Incident Stress Management Program and have recently trained additional personnel.

Additionally, the Department was granted the use of a free first responder wellness app which contains links to a wide range of resources, including 24/7 emergency assistance, personal wellness tips, mental health education, physical fitness education, sleep assistance, financial education, addiction education, and self-assessment tools.

As part of the Resilience and Wellness Program, there is a Fitness Cadre that provides workout guidance to department members.

The Department is in the final stages of drafting a policy allowing dogs at the fire station as a mental health promotional initiative.

Finally, the Department has initiated a new and improved medical exam for all uniformed fire personnel which incorporates cardiac stress testing, ECGs, sleep disturbance assessment, vascular disease detection, cancer screening, and more.

6. Under Chapter 3.95, Maui County Code, the Fireworks Auditor Fund is established for the sole use of the Department of Fire and Public Safety. However, there does not appear to be an auditor position or mention of the fund in the Department's budget. Please confirm if the Fireworks Auditor Fund is still applicable for the Department. If not, please explain why. (TP)

Currently, the Fire Prevention Bureau accumulated \$125,025 in the Fireworks Auditor Fund with an average revenue of \$15,000 per year. This fund is not generating enough funds for an Auditor position as stated in HRS 132D-13. Other jurisdictions in Hawaii have Firecracker and Aerial Display Permits going to into their Fireworks Auditor Fund. If our Department follows suit, the revenue to support the Auditor position will increase.

7. Considering we have a growing community outpacing Department resources, what can we do to ensure public safety besides expanding to hire more firefighters? What types of modern technology can the County invest in? (Page 281, Program Budget) (NUH)

The Department plans to deploy wildfire sensors that have multiple sensors. The sensors will be able to detect heat, product of combustion, and utilize artificial intelligence to recognize fires. We are also looking at a variety of evacuation software to plan and execute notification/messaging to the public. We will need to work with our partners from MEMA and MPD to determine if software is selected. We are also discussing with the utility company to install a camera system on the utility poles.

8. Relating to Fire Prevention Program, Goal # 1, items 1 and 2, considering post-fire inspections, has the Department met the 100% goal for hotels and schools? Is additional fire protection necessary for some of the older buildings? (Page 313, Program Budget) (NUH)

HRS 132-6 requires the fire department to inspect all public schools every year. FY 2024 all 32 public schools within our county have been inspected. The Fire Prevention Bureau is also required to inspect 32 hotels each year. Currently, 18 hotels have been inspected and the remaining will be completed by June 30, 2024.

Salaries and Wages (Category “A”)

1. The following relates to the new Fire Captain (PIO/Pub Ed) position:
 - a. Please describe the job duties for the new Fire Captain (PIO/Pub Ed) position. (Page 286, Program Budget) (GJ) (YLS)

This position will be tasked with press releases, including but not limited to incidents that both firefighters and ocean safety officers respond to, for the Department of Fire & Public Safety. The PIO will also be tasked with attending Community Meetings to interact with community members regarding fire and ocean safety. Additionally, the PIO will oversee our social media program and community outreach program. A department dedicated Fire Captain (PIO/Pub Ed) will ensure proper communication with the community and other departments in a timely manner. Over the past several years the media and public interest in timely information release has increased. This person will also respond to UIPA requests from the public, media, businesses, lawyers, insurance offices, etc.

- b. How do the duties differ from those performed by the Mayor’s Communication and Government Affairs Office? What is the difference between this position and a Public Affairs Officer or a Public Information Officer? (GJ)

This position will work specifically within our department and release information directly from our department. It is important to have a seasoned Fire Captain with the knowledge and experience to relay information properly. In the event of a large disaster our PIO can unite with the Mayor's Office and create a Joint Information Center to make sure messaging is consistent among departments.

- c. How are these duties currently being handled? (YLS)

When the Fire Service Officer assumed the responsibility of PIO in 2015 the demands of the position were very minimal. Our department is currently unable to keep up with the demand of this work as we do not have a designated PIO. The tasks are currently being managed by our Fire Service Officer and a Fire Prevention Bureau Fire Fighter III but it is taking away their ability to conduct their duties.

- d. How was the level of the position determined? (YLS)

This position already exists within the Hawaii Fire Fighters Association (HFFA) Bargaining Unit 11 and is utilized in other jurisdictions.

2. As the threat of drought and climate change rises, how much time and labor, if any, under the Fire Prevention Program will be allocated to proactively address wildfire hazards? This includes monitoring areas known to be fire hazards and the wildland urban interface, instigating actions to abate brush, removing hazardous vegetation, and notifying property owners of brush abatement. Is this funding sufficient to monitor and address these kinds of hazards? If not, what is the Department's goal to meet this need?
(GJ)

At this time, the Fire Prevention Bureau is focused on complaint driven concerns which have significantly increased since the August 2023 Wildfires. We do have the following programs in place:

- 1. Code Case or Request for Service: Normal process in MAPPS to handle public concerns.**
- 2. MFD Wildland Urban Interface (WUI) Program – Designed for subdivisions in which the Fire Prevention Bureau educates, enforces, and preplans a particular area.**

Plan to implement:

- 1. MFD Fuel Break Program – Hawaii Wildland Management Organization is working to identify high hazard areas in Maui County. The Fire Prevention Bureau will require maintenance of fuel breaks in these areas**

around developed land. Inspections will be conducted before the fire season and notices will be sent to non-compliant land owners.

- 2. MFD Brochure Plan – Requested a grant to send brochures to every household in Maui County with information regarding wildland fires. Included in brochure: Fire Codes relating to wildland fires, ember ignition info, checklist to follow, etc.**

3. Please provide a status on the vacancies listed in your FY 2024 Quarter 2 Budget Implementation Report. As some of these positions appear to be hard to fill, could any be redescribed to replace the requested new positions? (Page 9-3, 9-10, 9-11,9-20, 9-32, 9-37, 9-39, and 9-64, Budget Details) (ALL)

P-XXXXX	Job Title	Expected Timeline
P-25803	Fire Captain	Promotion Pending – Effective 4/16
P-25780	Fire Fighter IV	Pending Recruitment
P-25676	Fire Fighter III	Promotion Pending – Effective 4/16
P-33126	Fire Fighter III	Promotion Pending – Effective 4/16
P-29010	Fire Fighter II	Pending Recruitment via DPS
P-29015	Fire Fighter II	Pending Recruitment via DPS
P-25736	Fire Fighter II	Pending Recruitment via DPS
P-29744	Ocean Safety Officer IV	Pending Promotion
P-31944	Ocean Safety Officer III	Pending Promotion
P-29744	Ocean Safety Officer I	Recruit Class Begins 4/1
P-29763	Ocean Safety Officer I	Recruit Class Begins 4/1
P-29770	Ocean Safety Officer I	Recruit Class Begins 4/1
P-29794	Ocean Safety Officer I	Pending Recruitment
P-30948	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-30957	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32528	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32544	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32545	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32546	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32547	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32568	Ocean Safety Officer I	Pending Pu’u Keka’a Contract
P-32534	Ocean Safety Officer I – H/T	Pending Pu’u Keka’a Contract
P-28955	Account Clerk III	Pending Selection
P-XXXXX	CIP Coordinator	Reorg Completed March 2024
P-XXXXX	Safety Specialist	Reorg Completed – April 2024

The only positions that we have experienced difficulty with is the civilian positions (i.e., Account Clerk III) however, we are in the process of filling these positions.

4. Will additional Fire Fighter III positions create a larger crew per apparatus or a higher-ranking crew? With more personnel assigned to stations, will additional equipment or accommodations be needed? (FS-1, BFED-1, FY25) (TP)

The additional Fire Fighter III positions requested for the tanker positions at the Kula and Hana Fire Stations would increase the current crew size from five (5) to six (6). The only additional item that would be needed to accommodate these positions is one (1) bed at each station.

5. Has the Department of Personnel Services provided job descriptions for the Capital Improvement Project (CIP) Coordinator, Safety Specialist III, and Fire Equipment Superintendent positions? Has Personnel generated an eligibility list for these new positions? (FS-1, BFED-1, FY25) (TP)

The Department is responsible for creating position descriptions which are then approved by the Department of Personnel Services. The reorg for the Capital Improvement Project Coordinator and Safety Specialist have been completed and are in the process of being created. The reorg, which includes a job description, for the Fire Equipment Superintendent is being drafted at the department-level. Once the positions are created, the Department will work with the Department of Personnel Services to recruit/fill these positions.

6. Now that there are only two Department CIPs, is a CIP Coordinator position still warranted? (Page 286, Program Budget) (TP)

The Department has proposed two Capital Improvement Projects for FY 2025, however there are multi-year projects from previous fiscal years that are currently underway. For example, the Lanai Fire Station Expansion Project (FY 2021), Ho'olehua Fire Station Apparatus Bay (FY 2021), and Makawao Fire Station Apparatus Bay (FY 2020) is still ongoing as well as the Puko'o Fire Station Relocation Project (FY 2021). The Haiku Fire Station Project has just completed the Draft Environmental Assessment. The Department is currently in the planning and conceptual design phase of the Central Maui Fire Complex that will include a fire station, administrative building, and warehouse.

Exhibit A: CIP Quarterly Update – As of April 8, 2024

Additionally, the funds for Countywide Fire Facilities has several smaller CIPs that need specification writing, bid documents created, and project management. The CIP Coordinator would be tasked with these projects which will decrease our need to hire third-party consultants and project management. In the future, the

CIP Coordinator will also be tasked with managing facility assessments (completed by a third-party) of our current fire stations along with assessments for relocating fire stations in hazardous areas.

7. Under the Department's proposed personnel and apparatus changes, is the Department suggesting that Battalion Chiefs operate in pairs consisting of Battalion Chiefs and Fire Fighter IIIs in the future? (Page 2, FS-1, BFED-1, FY25) (TP)

Yes, each of the six (6) 56-hour Battalion Chiefs would have an assigned Fire Fighter III every shift.

8. In the FY 2025 Budget Details, the E/P count increased from 416 in FY 2023 to 431 in FY 2024, an increase of 15 positions. However, in your response dated March 28, 2024, the Department lists only the Fire Captain, Fire Fighter III, CIP Coordinator, Safety Specialist III, Fire Equipment Superintendent and Ocean Safety Officer III, for a total of six E/P. How many expansion positions did the Department have in FY 2024? Are the remaining expansion positions for Pu'u Keka'a related to Kaanapali Operations Association, Inc.? (Page 9-2, Budget Details) (TP)

Fifteen new E/Ps were created in FY 2024, however nine of these were submitted as unfunded. The six remaining positions are in the process of being filled.

Operations and Equipment (Categories "B" and "C")

1. What does the 546.2%, or \$635,000, increase in "Other Costs" under the Administration Program's operations cover? (Page 285, Program Budget) (TC)

In the FY 2025 Budget, the Department has moved all funding for Physical Examinations (Sub-Object Code: 6224) from the individual station index codes to a single index code, 911008- Administration. Additionally, the funds have increased by \$190,000 to continue the industry standard physical exams initially completed in FY 2024 via grant. An additional \$23,200 has been included to accommodate expansion positions requested in FY 2025.

Similarly, the Department has moved all funding (\$310,373) for Uniform Allowance (Sub-Object Code: 6255) from the individual station index codes to a single index code, 911008- Administration. An additional \$50,895 has been included to accommodate expansion positions requested in FY 2025.

2. Under the Administration Program's Goal # 2, what are the three anticipated facilities for which a professional assessment will be completed in FY 2025? (Page 285, Program Budget) (TC)

The three anticipated facilities are Lahaina, Makawao, and Kihei Fire Stations.

3. Please provide a copy of the site selection study conducted for the proposed Kihei Fire Station. (Page 286, Program Budget) (TC)

The Department is currently in the process of selecting a consultant to conduct this work.

4. The Department is requesting a compressor to replace one on Lana'i that is 21 years old. Are there similar issues at other remote or distant locations? (Page 292, Program Budget) (TC)

The compressor at Kaunakakai Fire Station is relatively new and functioning well. We do not have a compressor at Hana Fire Station, as it is more economical to simply fill bottles in town and exchange them for used bottles from Hana. Note: The current compressor on Lanai actually belongs to the State of Hawaii Airport Rescue Fire Fighters and not the County of Maui, Department of Fire & Public Safety. The compressor has become very unreliable and presents a safety hazard.

5. Please provide an explanation and breakdown for the 91.6% increase in the Fire/Rescue Operations Program travel costs. (Page 301, Program Budget) (TC)

The Bargaining Unit 11 Collective Bargaining Agreement, Section 52. Maui County Remote Station Work states employees assigned to a fire station on an island in which they do not reside (Maui, Molokai, or Lanai) shall be eligible for transportation reimbursement. Additionally, in accordance with a Supplemental Agreement between the County of Maui and Hawaii Fire Fighters Association, the reimbursement maximum has increased to cover travel costs incurred by eligible employees.

6. Relating to Fire/Rescue Operations Program, Goal # 1, item 2, \$90,000 is anticipated for servicing vehicles outside of the Department. Is it more economical to hire an additional mechanic or is this specialized work that requires outsourcing? (TC)

The Department outsources work for a variety of specialized vehicles/equipment including but not limited to light-duty vehicles, aerial apparatus, rescue boats, rescue watercrafts, UTVs, tire services, small engine repair, machine work, custom metal work, and radio repairs. Due to limited work space, specialized knowledge, and specialized equipment hiring additional mechanics is not the best option at this time.

7. With the addition of three off-road mini pumpers for Makawao, Wailea, and Kihei, how were these locations selected? Which districts do not have off-road mini pumpers and why? (Page 306, Program Budget) (GJ)

These stations were selected because they do not have an off-road mini pumper. If this is approved, only Kaunakakai and Puko'o Fire Stations would not have an

off-road mini pumper. The August 2023 Wildfires have shown how valuable these vehicles are to our operations and it is our goal to have this type of vehicle at all stations.

8. Are the UTVs, ATVs, and RWCs requested by Ocean Safety Program electric models? If not, is there a reason the Department prefers gas-powered equipment and is there a plan or strategy to transition to greener models? (Page 323-324, Program Budget) (GJ)

The UTVs, ATVs, and RWCs requested by the Ocean Safety Bureau are gas models. One of the main drawbacks of electric UTVs, ATVs, and RWCs is their limited range. Unlike gas-powered, the electric models require frequent charging, which can be detrimental to our operations as it may lead to unnecessary delays in emergency response.

Another issue with electric models is that their torque does not match that of gas-powered models. Torque and power are crucial when towing our rescue watercraft on and off the beaches, and performance of the RWCs in the surf condition we face. The electric models may not have the necessary torque and power output to handle such tasks efficiently, which can impact optimal performance.

While they may offer some benefits in terms of environmental impact and quieter operation, we cannot overlook the limitations they present in terms of range, charging inconvenience, and capabilities.

We are dedicated to staying informed about any new solutions that may emerge and are open to transitioning to electric models as technology progresses and electric powered UTVs, ATVs, and RWCs become more advanced. We will actively monitor the developments in this field.

9. Relating to index code 911140B-6129 Professional Services, is it possible for the Department to utilize additional helicopters if all helicopters under the contracted service are exhausted? (Page 9-58, Budget Details) (TP)

The “other services” in the helicopter budget are for helicopter costs outside of our annual contract. These funds would be used if/when an incident requires the use of the National Guard or private helicopter companies.

10. For index code 911040C-7055, what does the Department plan to do with the old Lahaina rescue boat trailer? (Page 9-60, Budget Details) (TP)

The Department plans to salvage all parts that can be used on the two (2) boat trailers we currently have.

11. Under index code 911076C-7030, what type of communication equipment is the Department requesting to purchase? (Page 9-62, Budget Details) (TP)

The Department is requesting to purchase 20 portable radios at \$1,750.00/each. These radios would be used during major incidents primarily for relief vehicles and other agencies.

12. Under index code 911312C-7040, what types of vehicles would the four Fire Fighter III positions in the Fire Prevention Bureau require? (Page 9-69, Budget Details) (TP)

The Department specifies 4x4 SUVs as Fire Fighter III positions operates as inspectors and investigators and need the capability to carry equipment and have 4-wheel drive capabilities.

13. In light of the Department's request for the Watchtower software, what is the current software being used by the Department? Would this be a one-time cost for the software with no annual fee or maintenance? What is the estimated use of life? (Page 9-80, Budget Details) (TP)

The Ocean Safety Bureau currently uses StreetLG data collection software. StreetLG has been a valuable asset in our data collection efforts. However, we believe there is room for improvement in terms of user interface, data analysis capabilities, and technical stability. The WatchTower software addresses these areas and will be a powerful tool for our organization. The WatchTower software program reflects a 6% increase in year two, with subsequent 6% annual increases.

Exhibit B: WatchTower Service Terms 2024

Exhibit C: Example Multi-Year Preliminary Quote

14. Under index code 911777C-7048, will this new type of backboards be sent to the Emergency Room with the patient? (Page 9-79, Budget Details) (TP)

Yes, the backboards may be sent to the Emergency Room with the patient as our current ones do.

A scoop style medical backboard, also known as a scoop stretcher, and a traditional backboard are both used in emergency medical situations for patient immobilization and transportation. However, there are some differences between the two:

- 1. Design: A scoop style backboard consists of two separate pieces that can be split apart and placed on either side of the patient. It has a contoured shape that allows for easier placement and removal, especially when dealing with patients who have suspected spinal injuries. On the other hand, a traditional backboard is a single, flat board that is placed on under the patient.**

- 2. Ease of Use: The scoop style backboard is generally considered easier and quicker to use compared to a traditional backboard. The contoured design and ability to split the board apart making it easier to slide the backboard under the patient without having to lift or roll them. This can be especially beneficial in situations where time is critical, such as during a rescue or when dealing with a suspected spinal injury patient.**

15. Under index code 911777C-7055, how are the inflatable collars deployed? Are they always on the rescue jet ski and inflated, do they need to be put on prior to launch, or could they be deployed while in the ocean? (Page 9-79, Budget Details) (TP)

Inflatable collars are a specialized fixed attachment typically made of durable materials and are securely attached to the watercraft. These collars are designed to enhance the maneuverability, stability, and safety of the RWC while performing rescues. They provide additional buoyancy and stability to the RWC, allowing it to navigate through rough waters more effectively and safely and to ensure proper functionality during rescue operations.

In addition, RWC collars are inflated and equipped with a pressure relief valve allowing for easy inflation and deflation of the collars as needed. The pressure relief valve ensures that the collars maintain the appropriate level of inflation, providing optimal stability and buoyancy for the RWC. With these collars, rescue personnel can perform rescues more effectively and safely, as they provide better stability and control during maneuvers in challenging water conditions.

16. For the tanker proposed in index code 911131C-7040, if the piped water system is compromised, where would it fill up? Would it be refilled at nearby lakes, reservoirs? (Page 9-63, Budget Details) (TP)

The tanker has the capability to fill from the static water source but there many variables (e.g., ground stabilization, capacity of water source, etc.) that may affect this time of operations. Alternative water sources are best identified by operations preplan. The Fire Prevention Bureau is currently working on identifying all private water systems within our county. The Department of Water Supply can provide updates on insufficient water systems and can recommend alternate areas of operational systems.

17. What type of portable radios will the Department be using? Would these radios have reception through mountainous areas? The Department of Public Works is looking into purchasing Motorola 4000 radios. To enhance the working relationships among County departments, has the Department worked with DPW to ensure proper inter-departmental communication? (TP)

The Department uses the Motorola APX 6000 series for our operations personnel due to its ruggedness and reliability without compromising on some key features we need for routine activities as well as extreme emergencies. These radios need to also withstand different conditions in IDLH atmospheres. As far as radio reception goes, the terrain, topography as well as limited placements of repeaters all contribute to the reception loss in mountainous areas, valleys and areas such as the West End of Molokai regardless of the radio types.

For interdepartmental communication, as long as the radios are programmed, we can communicate with the Department of Public Works and have been doing so for a number of years at multiple incidents. We do have a secondary means of providing radio interoperability and connection (if the radios are not programmed) through a Communication-Applied Technology (C-AT) Incident Command Radio Interface (ICRI) system that the Department currently has and is able to use. This system is kept in our Battalion Chief's Office at the Kahului Fire Station within a hard case and this system allows rapid and easy communication between the Department and other agencies (to include civilian contractors) by tying in each agency's current radios into the Department's radio frequencies.

- a. Considering DPW operates heavy machinery and communicates with contracted heavy machinery services, it may be helpful for the Department to communicate outside of official channels. Has this method been utilized by other fire departments? How would you prevent mix-ups between different types of radios?

The interoperability system would allow different types of radios to be used on an incident and be kept within each respective agency's cache and not be mixed up yet still provide consistent communications within the same frequency for the incident.

18. Under the Administration Program's expansion request for index code 911008B-6224 Physical Examinations, \$190,000 is for "industry standard" physical exams. How do these physical exams differ from current physical exams? (Page 9-7, Budget Details) (NUH)

The traditional medical exam has been based on DOT requirements for truck drivers. It involved a medical history questionnaire, basic labs, simple vision and hearing tests, and a cursory physical exam. In contrast, our new medical exam program – implemented as a pilot program through federal grant funding and having started just this past month – is based on the NFPA Standard Comprehensive Occupational Medical Program for fire departments. It incorporates medical history, more expansive lab work, a more thorough physical examination, vision and hearing testing, body mass index evaluation, sleep

disorder screening, pulmonary function testing with respiratory protection clearance, cancer-detection ultrasound screening of major organ systems, ECG screening, and a maximal cardiac stress test to evaluate aerobic capacity.

Note: The traditional exams were inconspicuous in previous budget years, since they appeared piecemeal under each station's budget with the Fire/Rescue Ops Program. In FY 2025, the funds have been lumped together within the Administration Program (911008).

19. If the Department adds on additional tanker trucks noted in index code 911131C-7040, should additional positions be created to operate it? If so, how many expansion positions are necessary? (Page 307, Program Budget) (NUH)

The Department requested three (3) unfunded Fire Fighter III positions for Napili Fire Station. These positions are currently unfunded because the current build/delivery time for the tanker apparatus is approximately four years.

Capital Improvement Projects

1. Has the Special Management Area permitting already occurred for the Kanaha Lifeguard Tower rebuild? (Page 902, Program Budget) (TP)

In FY 2023, we hired a firm to secure SMA permits for the relocation and replacement project of the lifeguard tower at Kanaha Beach. As you may recall, our plan was to remove both towers, replace both with wooden towers that we would build ourselves, and also relocate Tower 10A further inland to a site less threatened by coastal erosion. After a series of delays, each with its own long and unsatisfying story, we were told in February 2024 that we were required to get an engineer to complete flood hazard certification, produce a FEMA flood insurance program elevation certificate, and complete a coastal high hazard area certification. The best quote for these services was over \$20,000. In the meantime, obstacles to building the towers ourselves have surfaced which have led to the Department reevaluating whether we should simply revert to prefabricated fiberglass towers, which would change certain conditions of the permit. The Department has not reached a final decision yet but we do not want to spend \$20,000+ until we are sure that this money will not be wasted should we change our construction model.

2. Under the Department's Countywide Fire Facilities CIP, how old is the Paia Fire Station Rooftop Solar Water System? (Page 902, Program Budget) (TP)

The Department does not know the exact age of the system (estimated to be 20+ years old). Condition of the panels and components are fair at best, and the system is probably nearing the end of its useful life. Over the past few years, we have

already needed to do repairs on the system due to normal wear/tear and age of components. If re-roofing work will be done, we feel it would be sensible to replace the old equipment with new components.

A facility assessment was completed for the Paia Fire Station and the rooftop solar was given a Risk Priority Score of “5- Critical” meaning the item needs immediate attention. The comment from the assessor is: The roof solar heater panels appear to be aged and corroded, panel supports are corroded, piping is not completely insulated and jacketed. We recommend replacing solar heater panels, replacing all roof supports and reinsulating/jacketing piping.”

3. Under the Haiku Fire Station CIP, \$14,500,000 will be allocated for use towards “Other.” Please elaborate on what this appropriation will be used for. (Page 905, Program Budget) (TP)

While we are currently in the process of updating the draft environmental assessment for this project, we may need further funds to address comments with additional studies prior to beginning any earthwork. Also, if bidding for the initial demo and earth work are favorable, the balance of funds may be used to help fulfill the next step in the construction process.

If you have any further questions, please contact the Office of the Fire Chief at (808) 270-7561.

Sincerely,



BRADFORD K. VENTURA
Fire Chief

Project/Item	Budget Amount/Acct	Deadline	Current Status
Lanai Expansion (Planning/Design/Construction)	\$2,600,000/CBS 1005	12/31/2022	Construction in progress. Pre-Final Walkthrough Inspection completed. Punchlist items are currently being addressed. Project is very close to being declared "substantially complete".
Makawao Carport/Workshed-Design	*CW\$500,000/CBS 1003	12/31/2020	RSK assisting with submittal review and RFI's. Construction in progress.
Hoolehua FS Renovation/Addition	\$350,000/CBS 6065, +\$550,000 FY2022	12/31/2021	Project 100% completed pending final inspections and CO. Contractor working on fulfillment.
Makawao Carport/Workshed-Construction	\$770,000/CBS2314	12/31/2022	Construction in progress. B+K working with Dept by providing CM services. Project currently considered 45% complete.
Haiku Fire Station-Planning/Design	\$800,000/CBS1002	12/31/2022	AHL in contract for Planning/Design. Expected timelines received by AHL for planning purposes. Updating of existing draft EA in progress. New conceptual timeline reflects budget request for construction delayed until 2024 to be requested in FY26 budget. Dept working with Munekiyo Hiraga to complete the EA process. Public and agency comments require further work prior to response.
Puko'o Fire Station Relocation	\$325,000/CBS4617	12/31/2022	Property purchased and acquired.
Puko'o Fire Station Renovation	\$850,000/CBSxxxx	12/31/2022	Final EA and FONSI posted. Bid package submitted to Purchasing, with anticipated bid opening date of April 22, 2024.
Administration Building - Conceptual Planning/Design	\$1,000,000/CBS7871	12/31/2024	Dept in the process of selecting a design consultant.
Facility Assessments	*CWFF/\$300,000	12/31/2022	Bowers + Kubota contracted. Dept received completed reporting for Kaunakakai, Wailuku, and Paia Fire Stations. Additional funding for contract will allow assessments for Lahaina, Makawao, and Kihei Fire Stations. Work ongoing. Lahaina FS site visit completed. Site visits for Makawao and Kihei Fire Stations scheduled for April 15th.
Lanai Fire Station Renovations	*CWFF/\$775,000	12/31/2023	Decision to manage renovations internally (window replacements). Exterior lighting completed. AC units for this project have been procured. FSO working on getting estimates for AC unit and procuring materials for window replacement.
Wailea Fire Station Fuel Tank Replacement	*CWFF/\$775,000	12/31/2023	The unanticipated failure of the Wailea Fire Station fuel tank led to the need for this emergency procurement. Cost: \$135,000. Neil Nakai awarded this project. Tank installation completed, but Nakai found a leaking fuel line that feeds the pump. Estimates for this repair received and a change order has been submitted to cover the additional cost. Pump remains inop until this repair can be made.
Paia Roofing Replacement	*CWFF/\$775,000	12/31/2023	The need for roofing replacement was concluded while consultants were conducting site investigations as part of the Facility Assessment project. This project will not be able to be funded through the ESPC contract, therefore a budget request in FY 25 has been submitted.
Lahaina Fire Station Automatic Transfer Switch	*CWFF/\$775,000	12/31/2023	In contract with ELCCO for this project. Plans/permitting in progress. The need for this ATS upgrade became apparent during the Lahaina Fire. This upgrade will allow all circuits at the Lahaina FS to be supplied by the emergency generator. Currently, only a few select circuits are fed.
Napili FS asphalt resealing	FY24 CWFF	12/31/2024	Quotes actively being acquired
Napili FS storage and fencing	FY24 CWFF	12/31/2024	Quotes actively being acquired
Kula FS Carport Design	FY24 CWFF	12/31/2024	Dept in the process of selecting a design consultant.

Kihei FS bathroom repairs	FY24 CWFF	12/31/2024	CIP funds to purchase materials. BMR's to handle construction
Kihei FS Relocation Site Selection Study			Dept in the process of selecting a consultant. Dept of Fire & Public Safety: CIP Update 4.8.2024 FY24 Q3



Maui Ocean Safety

Service Terms

Agency Information

Agency Address: 21 Kinipopo St. Wailuku, HI 96793
 Agency Phone: 808-270-6136
 Primary Contact: Zach Edlao
 Primary Email: Zach.Edlao@co.maui.hi.us

Other Information

Service Terms

Platform Setup, Onboarding, Training, and Maintenance:

Complete Platform Setup and Account Onboarding	<i>Included</i>
Ongoing Platform Software Updates	<i>Included</i>
Unlimited Team Video and/or In-person Platform Training	<i>Included</i>
Platform Training Video Repository	<i>Included</i>
FAQ & Knowledge Documents	<i>Included</i>
USLA Year End Data and Report Generation	<i>Included</i>

Technology Reliability:

99.5% Uptime Guarantee	<i>Included</i>
Redundant Nightly Data Backups	<i>Included</i>
Industry Standard Best-Practice Technology Infrastructure	<i>Included</i>

Account Management:

Dedicated Account Manager	<i>Included</i>
Dedicated Engineering Team	<i>Included</i>
Annual Account Review	<i>Included</i>

Technical and Operational Support:

Email Support: 9:00AM - 9:00PM PST (Monday - Friday)	<i>Included</i>
Phone Support: 9:00AM - 9:00PM PST (Monday - Friday)	<i>Included</i>
In-Person Support: As Needed	<i>Included</i>



Multi-year License Example

CPI and Rate Escalator	6%	Module Activation	Modules Included	Annual Platform Total
2024				
Incident Capture	✓	Active	Included	\$9,540
Reporting and Analytics	✓	Active	Included	
Public Safety Dashboard	✓	Active	Included	
Dispatch	✓	Free Beta 2024	Included - Free Beta	
Agency Comms	✓	Free Beta 2024	Included - Free Beta	
Operational Forms	✓	Free Beta 2024	Included - Free Beta	
Pulse Compliance	✓	Free Beta 2024	Included - Free Beta	
Public Broadcast	✓	Beta	Included	
2025				
Incident Capture	✓	Active	Included	\$13,623
Reporting and Analytics	✓	Active	Included	
Public Safety Dashboard	✓	Active	Included	
Dispatch	✓	Active	Included	
Agency Comms	✓	Active	Included	
Operational Forms	✓	Active	Included	
Pulse Compliance	✓	Active	Included	
Public Broadcast	✓	Active	Included	
2026				
Incident Capture	✓	Active	Included	\$14,440
Reporting and Analytics	✓	Active	Included	
Public Safety Dashboard	✓	Active	Included	
Dispatch	✓	Active	Included	
Agency Comms	✓	Active	Included	
Operational Forms	✓	Active	Included	
Pulse Compliance	✓	Active	Included	
Public Broadcast	✓	Active	Included	
2027				
Incident Capture	✓	Active	Included	\$15,307
Reporting and Analytics	✓	Active	Included	
Public Safety Dashboard	✓	Active	Included	
Dispatch	✓	Active	Included	
Agency Comms	✓	Active	Included	
Operational Forms	✓	Active	Included	
Pulse Compliance	✓	Active	Included	
Public Broadcast	✓	Active	Included	
2028				
Incident Capture	✓	Active	Included	\$16,225
Reporting and Analytics	✓	Active	Included	
Public Safety Dashboard	✓	Active	Included	
Dispatch	✓	Active	Included	
Agency Comms	✓	Active	Included	
Operational Forms	✓	Active	Included	
Pulse Compliance	✓	Active	Included	
Public Broadcast	✓	Active	Included	

BFED Committee

From: Shirley Blackburn <Shirley.Blackburn@co.maui.hi.us>
Sent: Friday, April 12, 2024 9:58 AM
To: BFED Committee
Cc: Bradford Ventura; Chasserae Kaawa; Gavin Fujioka
Subject: (BFED - 1) (FS-2)
Attachments: Shirley Blackburn.vcf; (BFED) (FS-2).pdf

Aloha,

Please see attached correspondence from Department of Fire & Public Safety.

Mahalo,

Shirley L. Blackburn

Budget Specialist

County of Maui

Office of the Mayor

shirley.blackburn@co.maui.hi.us

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