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

April 3, 2021

Mr. David Thyne, Chief
Department of Fire and Public Safety
County of Maui
Wailuku, Hawaii 96793

Dear Chief Thyne:

SUBJECT: **FISCAL YEAR ("FY") 2022 BUDGET** (BFED-1) (FS-1)

May I please request you be prepared to answer the following questions at the BFED Committee meeting held via BlueJeans on **April 8, 2021**.^{*} This will enable the Committee to comprehensively review the FY 2022 Budget. Please also submit your answers to bfed.committee@mauicounty.us by the end of the day on **April 8, 2021**. **Date subject to change without notice.*

Overall

1. If Council were to ask for an 11 percent cut in programs and activities funded by the General Fund to fully fund the recommendations proposed in the Comprehensive Affordable Housing Plan at \$57,000,000, without increasing real property tax revenue:
 - a. What programs or activities would you cut? (TK)
 - b. What impact would the cuts have on residents? (TK)

Salaries and Wages (Category "A")

1. Explain the Department's 10.5 decrease in Equivalent Personnel, including whether it is related to the suspension of Department of Land and Natural Resources grant funds for Makena State Park. (Page 250, Program Budget) (TK)
2. Explain the reason for the reallocation of the Administrative Assistant II position to Administrative Officer, including how much

of the \$13,032 increase is due to the Collective Bargaining Agreement. (Page 7-3, Budget Details, 911008A, P-25832) (TP)

3. Explain the reason for the reallocation of the Business Administrator I position to Accountant IV, including: (a) how much of the \$5,604 increase is due to the Collective Bargaining Agreement, and (b) the need for the temporary differential. (Page 7-3, Budget Details, 911008A, P-29428) (TP)
4. Explain the reason for the reallocation of the Secretary I position to Personnel Assistant I, including how much of the difference in pay is due to the Collective Bargaining Agreement. (Page 7-4, Budget Details, 911008A, P-31501) (TP)
5. Explain the 17.3 percent decrease in premium pay in the Department's overall budget for FY 2022. (Page 230, Program Budget) (TP)
6. Explain the proposed 60 percent increase in premium pay for the Training Program for FY 2022, the increase in FY 2021, and what measures are being taken to control premium pay. (Page 7-12, Budget Details, 911420, 5215) (TP) (TK)
7. Explain the continued need for an increase in premium pay for the Fire Prevention Program. Does full year funding for Fire Fighter IV not offset premium pay? (Page 7-64, Budget Details, 911412A, 5215) (TP)
8. Regarding Ocean Safety Officers ("OSO"), please explain the following discrepancies between the Program Budget and Budget Details:
 - a. Five OSO I positions and 41 OSO II positions in the Program Budget and 4.5 OSO I positions and 41.5 OSO II positions in the Budget Details. (Pages 7-68 to 7-72, Budget Details and Page 259, Program Budget, 911777A) (TP)
 - b. Nine OSO III and 4 OSO IV positions in the Program Budget, and 8 OSO III and 5 OSO IV positions in the FY 2021 Council Adopted Budget, including specifically the P-30991 position reallocation from OSO I to OSO IV. (Page 259, Program Budget) (TP)
 - c. In the FY 2021 Budget, it was stated the new EPs for Ocean Safety were to remain non-supervisory staff to increase the

coverage on beaches. Explain the reallocation and whether new OSO positions are still intended to be non-supervisory.

- d. Is the current OSO I performing OSO IV duties? (MM)
 - e. Where will the OSO IV position be stationed? (MM)
9. Relating to Rescue Water Craft ("RWC"): (Page 7-73, Budget Details, 911777A, 5215)
- a. Please clarify whether operator pay is included in premium pay. (TP)
 - b. How is operator pay allocated per RWC? ($\$137,970/\text{year} = 6 \text{ RWC} \times 18 (8/8/2) \text{ hours} \times \$3.5/\text{hour} \times 365 \text{ days}$) (TP)

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

- 1. If the Department's 10.5 decrease in Equivalent Personnel is related to Makena State Park funding: (Page 261, Program Budget)
 - a. What are the Department's plans to: (1) provide sufficient coverage of beaches, (2) work with the State to install appropriate warning signage, or (3) close affected beaches as a safety precaution? (TK)
 - b. Also provide any available FY 2020 or FY 2021 data on rescue operations and interventions at Makena State Park. (TK)
- 2. Relating to medical personal protective equipment ("PPE") and supplies: (Page 7-13, Budget Details, 911255B, 6034)
 - a. Is the increased cost of PPE and supplies due to an increase in the cost of the items or an increase in the quantities being purchased? (TP)
 - b. How many Jumbo D oxygen cylinders with medical bags will be purchased and where will they be stationed? (TP)
 - c. Could CARES Act funding be used for PPE supplies and oxygen cylinders? (TP)

3. Relating to PPE maintenance and Medical Director services: (Page 7-13, Budget Details, 911255B, 6132)
 - a. Explain if the PPE maintenance funds will be used for masks and gloves, to repair equipment, or for other purposes? (MM)
 - b. Is this the first time the County will be using these services, and what entities will be providing them? (TP)
 - c. Provide more details on what services are currently provided or will be provided by the Medical Director. (MM)
4. Which stations are in need of locker improvements? When were the lockers made or last improved upon? (Page 7-54, Budget Details, 911076B, 6135) (TP)
5. Relating to the additional \$200,000 for “Other Services [to] increase brushfire assistance to current actual level”: (Page 7-54, Budget Details, 911076B, 6135)
 - a. What do these “other services” entail? (TP)
 - b. What is meant by “brushfire assistance to current actual level,” and clarify what “current actual level” means. (MM)
 - c. Will the services be used for specific geographical areas or countywide? (MM)
6. Relating to the five-year contract for helicopter service: (Page 7-60, Budget Details, 911140B, 6112)
 - a. How is the contract structured? For example, is the helicopter on unlimited standby, or are there additional charges per flight? (TP)
 - b. Will the proposed appropriation of \$1,122,000 remain the same for the duration of the five-year contract? (TP)
7. Relating to Professional Services for reviewing alternate sites for construction of a fire station in Haiku: (Page 7-6, Budget Details, 911008B, 6132)
 - a. Explain the deletion of the appropriation, including if the review has been cancelled or completed. (TK)

- b. If the review has been completed, when might the Council expect to receive a communication on the results? (TK)
 - c. Does the Department support the use of the Holokai site favored by the community for a fire station in Haiku? (MM)
 - d. Should funding be allocated for further assessment or review of the Holokai site? (MM)
- 8. Explain Professional Services for facility assessment surveys of Wailuku, Paia, Lahaina, and Makawao stations, including the focus, criteria, and rationale for performing the assessments at this time. (Page 234, Program Budget) (TK)
- 9. Relating to the Revolving Fund, explain the basis for the \$20,000 increase in “Services” for the Fire Prevention Program. (Page 256, Program Budget) (TK)
- 10. Provide RWC hours for each of the three 7- and 10-year-old RWCs. (Page 7-76, Budget Details, 911777B, 7055) (TP)
- 11. What type of trailers come with replacement RWCs (e.g., road trailers or Wheelleez)? (Page 7-76, Budget Details, 911777B, 7055) (TP)
- 12. Relating to replacement lifeguard towers: (Page 7-76, Budget Details, 911777B, 7044)
 - a. Will the replacement towers for Baldwin Beach and Ho’okipa Beach be made out of fiberglass? If not, what material will they be made of? (TP)
 - b. Does the County own the two abandoned fiberglass towers at Makena Beach Park? If the replacement towers are going to be made out of fiberglass, can the Makena Beach Park towers be used as replacement towers for Baldwin Beach and Ho’okipa Beach? (TP)
 - c. Provide a summary of the existing conditions of the Baldwin Beach and Ho’okipa Beach towers. (MM)
 - d. Has either tower been damaged by recent storms? If so, can emergency management funds be used for repairs? (MM)
 - e. Will the replacement towers be relocated away from the ocean? (MM)

- f. Why is the replacement of lifeguard towers not considered a capital improvement project? (MM)
- 13. Relating to the replacement of County vehicles, does the Department track whether the replaced vehicles are sold, traded in, donated, or disposed of? Are there reports that indicate the selling price of these vehicles, if sold? (TP)
- 14. Relating to Automated External Defibrillators (“AED”): (Page 7-16, Budget Details, 911255C and 910166C, 7044)
 - a. Does the County participate in an AED recycling program? If not, what are the Department’s plans for expired AED disposal? (TP)
 - b. Could the Department work with the Department of Parks and Recreation to procure replacement AEDs that last longer (10 years) and cost less (\$2,000)? (TP)
- 15. Who provides MAPPS maintenance referenced under Professional Services? (Page 7-91, Budget Details, 101075B, 6132) (TP)
- 16. Please explain why the Department pays for water delivery charges and who is charging the department for this service. Is there a more efficient and effective method to provide this service? (Page 7-7, Budget Details, 911008B, 6178) (KRF)

Capital Improvement Projects

- 1. What are the Department’s top three locations for new fire stations? (YS)
- 2. If land is available in Olowalu, does the Department foresee a need for a fire resource center, similar to the Napili Fire Station? Is it in the Department’s plans for the health and safety of our residents? (YS)
- 3. Please describe any needs for the Kula Fire Station. (YS)
- 4. Is the Department planning or desiring to move EMS to the Kula Fire Station? (YS)

Mr. David Thyne
April 3, 2021
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5. If an alternative site, such as Holokai, is preferred for the Haiku Fire Station, are the proposed CIP funds sufficient for planning and design? (Page 7-6, Budget Details, 911008B, 6132) (MM)
6. Why is the Makawao Fire Station Renovation/Addition being proposed in FY 2022 Budget when the facility survey for that station is also included, but has not yet been completed? (Page 689, Program Budget) (TK)

Key Activity Goals & Measures

1. Relating to Fire/Rescue Operations Program Goals #1 and #3, explain the statistics differentiating between residents and visitors, including whether a higher number of visitor rescues might justify a potential fee for emergency services, especially if the incident involves trespassing on private land. (Page 244, Program Budget) (TK)
2. Relating to Ocean Safety Program Goal #1 to “protect life, property, and environment ... through preventive measures,” why is the estimated number of preventive actions the same for FY 2021 and FY 2022, given that visitor numbers are returning to pre-pandemic levels? (Page 257, Program Budget) (TK)

Thank you for your attention to this request. Should you have any questions, please contact me or the Committee staff (Lesley Milner at ext. 7886, Kasie Apo Takayama at ext. 7665, or Yvette Bouthillier at ext. 7758).

Sincerely,



KEANI N.W. RAWLINS-FERNANDEZ, Chair
Budget, Finance, and Economic
Development Committee

bfed:2022bgt:210402afs01:ans

cc: Mayor Michael P. Victorino
Budget Director

MICHAEL P. VICTORINO
Mayor

DAVID C. THYNE
Fire Chief

BRADFORD K. VENTURA
Deputy Fire Chief



DEPARTMENT OF FIRE & PUBLIC SAFETY

COUNTY OF MAUI
200 DAIRY ROAD
KAHULUI, HI 96732

April 12, 2021

Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, HI 96793

APPROVED FOR TRANSMITTAL

Michael P. Victorino 4/12/21

Mayor Date

Ms. Michele M. Yoshimura
Budget Director, County of Maui
200 South High Street
Wailuku, HI 96793

For Transmittal to:

Honorable Keani Rawlins-Fernandez
Chair, Economic Development & Budget Committee
Maui County Council
200 South High Street
Wailuku, HI 96793

Dear Chair Rawlins-Fernandez:

SUBJECT: FISCAL YEAR (FY) 2022 BUDGET (BFED-1) (FS-1)

The Department of Fire & Public Safety has received your communication dated April 3, 2021. Please see our responses in **bold**.

Overall

1. If Council were to ask for an 11 percent cut in programs and activities funded by the General Fund to fully fund the recommendations proposed in the Comprehensive Affordable Housing Plan at \$57,000,000, without increasing real property tax revenue:
 - a. What programs or activities would you cut?

The Department was directed by the Budget Office to propose a lean budget for FY 2022 due to the financial impacts of the pandemic, it would be difficult for us to propose any additional cuts at this point.

- b. What impact would the cuts have on residents?

If we are directed to make additional cuts, there is a definite potential that our residents would be impacted. We do feel that we can work with the lean budget that was proposed by the Mayor, we only ask for your consideration if additional cuts have to be made in this case, or any other.

Salaries and Wages (Category A)

1. Explain the Department's 10.5 decrease in Equivalent Personnel, including whether it is related to the suspension of Department of Land and Natural Resources grant funds for Makena Beach State Park. (Page 250, Program Budget)

When the State of Hawaii suspended the Memorandum of Understanding on Makena Beach State Park, the funding for salaries was suspended for the 10.5 employees located at that beach.

2. Explain the reason for the reallocation of the Administrative Assistant II position to Administrative Officer, including how much of the \$13,032 increase is due to the Collective Bargaining Agreement. (Page 7-3, Budget Details, 911008A, P-25832)

The reallocation reflects the actual duties and responsibilities being performed by the Administrative Assistant II. During the Department's recent reorganization of Administration/Support Services, the Administrative Assistant II was reallocated to Administrative Officer to provide independent oversight of personnel matters for the Department.

The budgeted salary amount of \$88,464 includes the increase pursuant to the Collective Bargaining Agreement for that position level.

3. Explain the reason for the reallocation of the Business Administrator I position to Accountant IV, including: (a) how much of the \$5,604 increase is due to the Collective Bargaining Agreement, and (b) the need for the temporary differential. (Page 7-3, Budget Details, 911008A, P-29428)

The reallocation reflects the actual duties and responsibilities being performed by the Business Administrator I. During the Department's recent reorganization of Administration/Support Services, the Business Administrator I was reallocated to Accountant IV whose duties are dedicated to fiscal management for the Department.

The actual salary including the temporary differential is \$98,664. The temporary differential pay is required to accommodate the downgrade in pay from a Business Administrator I to an Accountant IV, since the employees' pay is red circled.

Business Administrator I	Accountant IV
EM-03	SR-24
\$98,664 Annually	\$91,968 Annually
\$8,222 Monthly	\$7,664 Monthly
	+Temporary Differential \$558/Month

The salary amount also includes the increase pursuant to the Collective Bargaining Agreement for the position level.

4. Explain the reason for the reallocation of the Secretary I position to Personnel Assistant I, including how much the difference in pay is due to the Collective Bargaining Agreement. (Page 7-4, Budget Details, 911008A, P-31501)

On July 1, 2017 Department of Fire & Public Safety absorbed the Ocean Safety Bureau which included 60 Ocean Safety Officers and one Clerk III (P-29729). Effective July 1, 2018 (Notice of Director's Action dated January 31, 2019) the Clerk III (SR-10) position was reallocated to a Staff Services Assistant (SR-13). The Staff Services Assistant provides administrative support exclusively to the Ocean Safety Bureau, including but not limited to assists with supporting personnel, accounts, travel, composing correspondence, reports, etc.)

Budget Amendment (Communication 19-475) dated February 19, 2020 approved an expansion position for the Ocean Safety Bureau, Secretary I (P-31501). In light of the recent reallocation of the Clerk III to Staff Services Assistant, the Department felt the Secretary I would be better utilized as a Personnel Assistant I whose responsibilities include providing support not only for the Ocean Safety Bureau but Department-wide.

The Secretary I (SR-14/C) entry-level rate is \$41,100 annually. After reallocating the position to Personnel Assistant I (SR-15/E), it was filled by an employee of a higher pay scale increasing the annual rate of pay to \$46,272 effective June 16, 2020.

5. Explain the 17.3 percent decrease in premium pay in the Department's overall budget for FY 2022. (Page 230, Program Budget)

Program	+/- %	FY 2021	FY 2022	Difference	Page #
Administration	+5%	\$81,600	\$85,680	\$4,080	7-5
Training	+60%	\$75,000	\$120,000	\$45,000	7-12
Fire Operations	0%	\$4,695,800	\$4,695,800	\$0	7-44
FPB	+32.9%	\$76,035	\$101,035	\$25,000	7-64
FPB Revolving	0%	\$29,420	\$29,420	\$0	7-90
Ocean Safety	+9%	\$360,000	\$392,400	\$32,400	7-73
*Makena (Grant)	-100%	\$40,000	\$0	-\$40,000	7-85
**Operations (Grant)	-100%	\$1,200,000	\$0	-\$1,200,000	7-80
TOTAL:		\$6,557,855	\$5,424,335	-\$1,133,520	-17.3%

*State of Hawaii grant suspended effective April 1, 2020.

**Funds moved from premium pay (Sub-object Code: 5215) to grant appropriations (Sub-object Code: 6400)

6. Explain the proposed 60 percent increase in premium pay for the Training Program for FY 2022, the increase in FY 2021, and what measures are being taken to control premium pay. (Page 7-12, Budget Details, 911420, 5215)

In FY 2021, Departments were asked to cut their budgets by 5% due to COVID-19. The \$29,000 cut the Department made included premium pay normally spent on community outreach events (i.e. public education, medical standby at sporting events, etc.) In FY 2022, the Department added the 5% decrease back into the Budget proposal.

The Department has also requested a \$45,000 premium pay increase based on the \$93,491 spent in FY 2020 and the \$75,508 spent as of March 31, 2021.

The Training Program consists of the Training Bureau (1-Fire Captain, 3-Fire Fighter IIIs, 1-Program Services Assistant) and the Health & Safety Bureau (1-Fire Captain, 2-Fire Fighter IIIs, 1-Inventory Warehouse Technician, and 1-SCBA Technician). The premium pay for these employees include overtime worked when instructing Fire Fighter Trainees, emergency operations callbacks, and medical monitoring, medical standby at community events, standby pay for rehab, etc.

7. Explain the continued need for an increase in premium pay for the Fire Prevention Program. Does full year funding for the Fire Fighter IV not offset premium pay? (Page 7-64 Budget Details, 911412A, 5215)

While the full year funding for the expansion Fire Fighter IV position helps, there are is a large backlog of plans review – currently 146 plans waiting to be reviewed and 229 plans reviewed and pending approval.

The increase in premium pay can also be attributed to fire investigations and report writing. When a fire investigation is required at a scene, two Fire Investigators are assigned to assist with determination, illumination, photography, and safety. After concluding a fire investigation, Fire Inspectors must produce detailed reports with photos while managing their daily workload (i.e. inspections, plans review, community concerns, etc.)

8. Regarding Ocean Safety Officers (OSO), please explain the following discrepancies between the Program Budget and Budget Details:

- a. Five OSO I positions and 41 OSO II positions in the Program Budget and 4.5 OSO I positions and 41.5 OSO II positions in the Budget Details. (Pages 7-68 to 7-72, Budget Details and Page 259, Program Budget, 911777A)

See attached revised Page 259, Program Budget as provided by the Budget Office. There is no change in total number of positions for the year.

- b. Nine OSO III and 4 OSO IV positions in the Program Budget, and 8 OSO III and 5 OSO IV positions in the FY 2021 Council Adopted Budget, including specifically the P-30991 position reallocation from OSO I to OSO IV. (Page 259, Program Budget)

See attached revised Page 259, Program Budget as provided by the Budget Office. There is no change in total number of positions for the year.

Due to the suspension of the State of Hawaii Makena Beach State Park Memorandum of Understanding (MOU) on April 1, 2020, the Department did not want any of our existing Ocean Safety Officers to lose their job due to the defunding of those positions. Therefore, we were able to transfer the affected employees into vacant expansion positions with the Mayor's approval effective July 16, 2020.

- c. In the FY 2021 Budget, it was stated the new Eps for Ocean Safety were to remain non-supervisory staff to increase the coverage on beaches. Explain the reallocation and whether new OSO positions are still intended to be non-supervisory.

The Ocean Safety I positions were proposed at the entry-level. They serve a year in the position before they are eligible to be reallocated to Ocean Safety Officer II. Some of the newly created positions have been filled by Ocean Safety Officer II due to the transfers of our permanent employees from Makena State Beach Park's closure. This includes the reallocation of

one of the expansion positions from an Ocean Safety Officer I to Ocean Safety Officer IV to accommodate the OSO IV (Captain) who worked at Makena State Beach Park. New Ocean Safety Officer positions are still intended to be non-supervisory.

- d. Is the current OSO I performing OSO IV duties?

No. The Department does not have any OSO Is (recruits) at this time. An OSO I will never perform the duties of an OSO IV (Captain). The reallocation of P-30991 is not the reassignment of a person, but is the reallocation of a vacant position in order to move the OSO IV previously assigned to Makena to Ho'okipa, which has been a long time goal of the Ocean Safety Bureau.

- e. Where will the OSO IV position be stationed?

OSO IV (P-30991) position has been filled and assigned to Ho'okipa Beach. The move was a part of the restructuring necessary following the shutdown of lifeguard services at Makena Beach State Park.

9. Relating to Rescue Water Craft (RWC): (Page 7-73, Budget Details, 911777A, 5215)

- a. Please clarify whether operator pay is included in premium pay.

Yes, operator pay is included in premium pay.

- b. How is operator pay allocated per RWC? (\$137,970/year? = 6 RWC x 18 (8/8/2) hours x \$3.5/hour x 365 days?)

District/beach OSO IVs will assign two (2) OSO IIs/OSO IIIs/OSO IVs (8/8) to operate the RWC when responding to 911 ocean rescues, while a third OSO IIs/OSO IIIs/OSO IVs (2) will be assigned to cover the lunch breaks.

Note: An additional differential pay is paid when officers must take a working lunch due to staffing shortages, when required to work after hours to complete a rescue, or when requested to stay on-duty late due to especially hazardous ocean conditions.

Operations and Equipment (Categories B and C)

1. If the Department's 10.5 decrease in Equivalent Personnel is related to Makena Beach State Park funding: (Page 261, Program Budget)

- a. What are the Department's plans to: (1) provide sufficient coverage at beaches, (2) work with the State to install appropriate warning signage, or (3) close affected beaches as a safety precaution?

(1) The 10.5 positions were previously assigned to Makena Beach State Park. Lifeguard services at County Beach Parks were not affected by the cancellation of this Memorandum of Agreement. The employees previously assigned to Makena Beach State Park have been reallocated to vacant County-funded positions.

(2) The State of Hawaii worked with the Rotary Club of Kihei-Wailea to install 17 rescue tubes at Makena Beach State Park; 5 tubes were placed at Black Sand Beach (Oneuli), 2 at Little Beach (Pu'u Olai), and 10 at Big Beach (Oneloa).

(3) The County does not have the authority to close any State beaches.

- b. Also provide any available FY 2020 or FY 2021 data on rescue operations and interventions at Makena Beach State Park.

FY 2020: 22 incidents

FY 2021 (to date): 14 incidents

2. Relating to medical personal protective equipment (PPE) and supplies: (Page 7-13, Budget Details, 911255B, 6034)

- a. Is the increased cost of PPE and supplies due to an increase in the cost of the items or an increase in the quantities being purchased?

Yes, to both.

- b. How many Jumbo D oxygen cylinders with medical bags will be purchased and where will they be stationed?

There will be 18 distributed to all fire districts.

Empty MJD Cylinder, lowest bid Airgas for 144 cylinders	\$14,351.66
O2 Fill + Shipping to Oahu	\$7,200
Backpack	\$6,300
TOTAL:	\$27,850

One of the benefits of switching over the Meret Omni Pro backpack that the EMR cadre R&D'd is that it is internally and externally non-absorbing. This makes it easily disinfected as opposed to the O2 bag and C collar bags we currently have. Combining a trauma ox and O2 bag into a backpack also means less overall disinfecting and less chance to contaminate our equipment. The other primary benefit is the obvious operational benefit of having one standardized backpack with medical equipment. This backpack can easily be managed by one person in different operational scenarios from mountain rescue and rope rescue, to medical calls in a home. The aluminum MJD O2 cylinder is lighter than our steel cylinders, fits better in a backpack and holds nearly the same amount of O2 the steel E cylinders.

- c. Could CARES Act funding be used for PPE supplies and oxygen cylinders?

The Department was able to use CARES Act funding for COVID-related PPE purchased prior to November 30, 2020. The Jumbo D bottles and medical bags may not have qualified for CARES Act funding depending on the interpretation of the requirements.

3. Relating to PPE maintenance and Medical Director service: (Page 7-13, Budget Details 911255B, 6132)

- a. Explain if the PPE maintenance funds will be used for masks and gloves, to repair equipment, or for other purposes?

NFPA 1851 states that turnout gear should be inspected annually and receive advanced cleaning twice per each. Inspections, repairs, and advance cleaning must be done by an Independent Service Provider (ISP) certified by the manufacturer of the turnouts. The only ISP in Hawaii is located on Oahu which means shipping costs are incurred. Under the direction of the manufacturer, we clean the gloves and SCBA masks in house. FY 2021 was the first time that we sent our turnout gear to an ISP for advance cleaning and it turned out to be a learning experience, as the cost was much higher than anticipated. In order to be certified by the ISP all defects must be repaired. We had not anticipated the number of repairs that our turnouts would need. Thus, our FY 2022 request of \$60,000 will only allow for one cleaning.

- b. Is this the first time the County will be using these services, and what entities will be providing them?

PPE Maintenance: In FY 2021, Native Hawaiian Veterans LLC dba Hawaii PPE provided the service.

Medical Director: Pursuant to HRS Section 453-2 (6)(A), the Department is required to have a Medical Director. Since 2013, Dr. Libby Char voluntarily acted as the Department's Medical Director but resigned in 2020 to accept a position as the Director of the State Department of Health. This is the first year the Department is seeking funding for a Medical Director because Dr. Char's services were performed at no charge.

- c. Provide more details on what services are currently provided or will be provided by the Medical Director.

The Medical Director will review the Department's emergency medical services program, provide direction where necessary, offer consultation on issues as they arise and make recommendations to the Fire Chief on medical response matters.

4. Which stations are in need of locker improvements? When were the lockers made or last improved upon? (Page 7-54, Budget Details, 911076B, 6135)

Locker repairs/replacements are being requested for the following stations:

1. **Kihei Fire Station – Replacement of wooden lockers (approx. 15 years old). These lockers are severely weathered and have many major hardware issues. The Department intends to replace our current lockers with more durable metal gear lockers.**
2. **Hana Fire Station – Repair of original wooden lockers (approx. 26 years old). These lockers are severely weathered and have many major hardware issues. The Department intends to refurbish all lockers and replace those that are beyond repair.**
3. **Hoolehua Fire Station – Replacement of metal lockers (approx. 20+ years old). These lockers are severely corroded and will soon be unusable. The Department intends to replace our current with new metal lockers.**
4. **Kahului Fire Station – Refurbished/ replace original wooden lockers (approx. 30 years old). Many of these lockers suffer severe termite damage and need to be fully replaced. Some will just need to be refurbished.**
5. **Napili Fire Station – Lockers in the apparatus bay area in decent condition, but need doors to keep firefighter gear protected from weather and diesel exhaust.**
6. **Kula Fire Station – Repair of original wooden lockers (approx. 26 years old). These lockers are severely weathered and have many major hardware**

issues. The Department intends to refurbish all lockers and replace those that are beyond repair.

5. Relating to the additional \$200,000 for “Other Services [to] increase brushfire assistance to current actual level”: (Page 7-54, Budget Details, 911076B, 6135)

- a. What do these “other services” entail?

The County of Maui, Department of Public Works and private vendors (i.e. Goodfellow Brothers, Alpha, Inc., C. Hayes, West Maui Land, etc.) for assistance for heavy equipment and water tankers at large brushfires.

- b. What is meant by “brushfire assistance to current actual level,” and clarify what “current actual level” means.

The amount we are asking for is based on the amount we “actually” expended by FY 2021.

- c. Will services be used for specific geographical areas or countywide?

These services will be used countywide.

6. Relating to the five-year contract for helicopter services: (Page 7-60, Budget Details, 911140B, 6112)

- a. How is the contract structured? For example, is the helicopter on unlimited standby, or are there additional charges per flight?

The helicopter contract requires one helicopter (Air 1) be available 24/7/365 for the Department’s exclusive use. When dispatched, Air 1 charges \$572/hour of flight time. If additional helicopters are required, the Department is charged \$1,200/hour of flight time.

- b. Will the proposed appropriation of \$1,122,000 remain the same for the duration of the five-year contract?

The current helicopter contract expires on June 30, 2021. A new contract for the duration of July 1, 2021 until June 30, 2026 is currently in the bid process. During the first year of the new contract, July 1, 2021 until June 30, 2022, we expect the \$1,122,000 to be sufficient to cover the expenses.

7. Relating to Professional Services for reviewing alternate sites for construction of a fire station in Haiku: (Page 7-6, Budget Details, 911008B, 6132)

- a. Explain the deletion of the appropriation, including if the review has been cancelled or completed.

The assessment of the currently owned property for Haiku Fire Station and reviewing of alternate sites for a Haiku Fire Station was completed in February and a single meeting with a few Haiku community members was conducted.

- b. If the review has been completed, when might the Council expect to receive a communication on the results?

The consultant will present their findings on May 5, 2021 at the virtual Haiku Community Association Meeting. The Department will transmit a copy of their findings to Council.

- c. Does the Department support the use of the Holokai site favored by the community for a fire station in Haiku?

As we have mentioned to the Haiku Community Association working group in the past, the Department would prefer to have a fire station in every community across the County. We will work with any community group to provide input and statistics from an operational perspective when we are requested to. When we were asked by the Association years ago to do that, like now there are several groups advocating for land to be purchased closer to where they live.

The current property works for us operationally. We explained to the Haiku Community Association that we would prefer to move ahead with the project on the current site, as it fits our operational needs.

- d. Should funding be reallocated for further assessment or review of the Holokai site?

At this time and based on the information provided by the consultant, we do not feel more funding should be provided to review the Holokai location. The recent assessments have validated what we found out in the past, so we don't see the need to delay the building of the station any longer. As the current property would serve the greater Haiku community "call volume"

wise, it is our recommendation that we move forward as soon as possible at the site currently designated for the station.

8. Explain Professional Services for facility assessment surveys of Wailuku, Paia, Lahaina, and Makawao stations, including the focus, criteria, and rationale for performing the assessments at this time. (Page 234, Program Budget)

The short version is that we want to bring in subject matter experts to evaluate our facilities, starting with the older ones. The focus would be on conducting the evaluations “proactively” from an engineering perspective, in order to develop a comprehensive needs list in priority order. The rationale for this is that, as our facilities age, we want to ensure that we are putting our funds and efforts in the right place and order.

9. Relating to the Revolving Fund, explain the basis for the \$20,000 increase in “Services” for the Fire Prevention Program. (Page 256, Program Budget)

The software company Tyler Technologies is developing MAPPS for the County of Maui, which is a permits software that many of the Departments use including the Fire Prevention Bureau. Each Department is responsible for paying for any “change orders” out the Department budget.

10. Provide RWC hours for each of the three 7- and 10-year-old RWCs. (Page 7-76, Budget Details, 911777B, 7055)

2010 RWC HA 0308 XC has 406.9 hours.

2013 RWC HA 0333 XC has 344.2 hours.

2013 RWC HA 0334 XC has a broken display screen so we are unable to determine the hours.

2013 RWC HA 0335 XC is unable to start at this time.

11. What type of trailers come with replacement RWCs (e.g. road trailers or Wheeliez? (Page 7-76, Budget Details, 911777B, 7055)

The trailers do not come with RWCs automatically, which means the Department provides the bid specifications when initiating the contract process. Traditionally, this has been the road trailers, however we recently ordered beach trailers to go with our RWC since our current supply of road trailers are sufficient and beach trailers are replaced at a higher frequency. Road trailers while more expensive provide a longer service life. They are also not used as frequently as beach trailers.

12. Relating to replacement lifeguard towers: (Page 7-76, Budget Details, 911777B, 7044)

- a. Will the replacement towers for Baldwin Beach and Ho'okipa Beach be made out of fiberglass? If not, what material will they be made of?

The amounts requested reflect the latest quotes for pre-fabricated fiberglass towers, including shipping. If allocated funding, we would seek bids to build wooden towers, and also explore the possibility of having our BMR complete that project with whatever assistance we can provide. If those options prove to be more cost effective than fiberglass towers, we will go with wooden towers. These are generally easier to repair and typically have a longer service life. If the cost of building wooden towers ends up being more than the funding we are allotted, we will purchase the pre-fabricated fiberglass towers and assemble them onsite.

- b. Does the County own the two abandoned fiberglass towers at Makena Beach Park? If the replacement towers are going to be made out of fiberglass, can the Makena Beach Park towers be used as replacement towers for Baldwin Beach and Ho'okipa Beach?

The County does not own those towers. We could pursue an MOU or similar agreement with the State as to whether we could move them to Baldwin and Ho'okipa, however (1) those towers are old and not an ideal replacement; (2) if the State hopes to reinstate lifeguard services at Makena Beach State Park, they will likely elect to keep the towers or the towers would have to be returned to Makena Beach State Park; (3) the cost to move the Baldwin Tower a few yards further from the ocean (without disassembly, trucking, and reassembly) was \$1,875, which means we are likely looking at thousands of dollars to relocate two towers across the island, there is also the consideration of damaging the towers in the relocation process.

- c. Provide a summary of the existing conditions of the Baldwin Beach and Ho'okipa Beach towers.

The Baldwin (11+ years old) and the Ho'okipa (12+ years old) are in desperate need of replacement. The fiberglass has multiple holes and is cracking due to wear and vandalism; everything that can rust is rusting; the flaps are being held open with sticks and umbrellas; window seals are starting to crack and leak; and the structural integrity of the decks are questionable. They not only look terrible, which is a direct reflection on the Department and the County of Maui, but it is on the border of being unsafe.

- d. Has either tower been damaged by recent storms? If so, can emergency management funds be used for repairs?

The recent storms were not significant factors in the deterioration of those towers.

- e. Will the replacement towers be relocated away from the ocean?

The replacement tower at Baldwin will likely be put in the same location as the current tower, which has recently been moved a short distance further from the ocean to ensure it can remain in the face of the retreating shoreline. As for the Ho'okipa towers, there is not much room to relocate them further from the ocean. We also need to ensure we keep a functional vantage point and ready access to the beach.

- f. Why is the replacement of lifeguard towers not considered a capital improvement project?

Due to the short lifespan of the fiberglass towers, approximately 10 years, it does not fit the requirements of a Capital Improvement Project.

13. Relating to the replacement of County vehicles, does the Department track whether the replaced vehicles are sold, traded-in, donated, or disposed of? Are there reports that indicate the selling price of these vehicles, if sold?

The Department has not sold vehicles that have been replaced. Emergency response apparatuses are moved from "emergency front line" to "relief equipment" to "training only" to "recycle". For passenger vehicles, we will utilize older vehicles for non-emergency response including daily use by support staff requiring a vehicle to complete their work.

14. Relating to the Automated External Defibrillators (AED): (Page 7-16, Budget Details, 911255C and 910166C, 7044)

- a. Does the County participate in an AED recycling program? If not, what are the Department's plans for expired AED disposal?

The Department has a buyback agreement with Zoll and receive a credit towards our Phillip's AEDs at the time of their retirement.

- b. Could the Department work with the Department of Parks and Recreation to procure replacement AEDs that last longer (10 years) and cost less (\$2,000)?

No, it would not be appropriate for MFD to procure replacement AEDs with the Department of Parks and Recreation. The Department of Fire & Public Safety provides first responder services, which requires a more advanced AED. The Department requires the following which is met by the Zoll 3 AED:

- 1. Live audio and visual feedback on CPR depth and rate. The American Heart Association (AHA) certifies employees and sets the industry standard for AEDs.**
- 2. CPR performance data needs to be recorded by AEDs for review and quality improvement, as recommended by the Medical Director. The Zoll 3 AED records rates, depth, compression fraction, chest recoil, and audio that can be downloaded and reviewed by Department quality improvement trainers and shared confidentially with the Medical Director using Zoll software installed on all station computers.**
- 3. Visible ECG rhythm on the screen, allowing first responders to view VF/V-Tach vs Asystole/PEA and better integrate with AMR. Paramedics can receive information from the Zoll AEDs immediately by looking at the screen on arrival. This information is critical for their sensitive pharmacological choices and other advanced life support decisions.**
- 4. Built in metronome that notifies the first responder visually and audibly when they fall out of acceptable CPR range. Studies have shown that metronomes improve rescuer effectiveness at staying within the AHA recommended CPR compression rates of at least 100 per minute. Staying within that range is shown to improve the patient's change of survival**
- 5. The Zoll 3 AED is programmable, which allows our Medical Director to adjust the device to keep us up to date on the latest cardiac resuscitation science.**
- 6. One of the fastest analysis rates and charge rates so that analyzing shock time is much shorter than with other AEDs. This is also shown to increase the rates of return of spontaneous circulation (regaining a pulse).**
- 7. Durability a repetitive use by first responders, even in wet condition.**

15. Who provides MAPPS maintenance referenced under Professional Services? (Page 7-91, Budget Details, 101075B, 6132)

The software company Tyler Technologies who is developing MAPPS for the County of Maui. MAPPS is the new permitting software is replacing KIVA currently used by the Fire Prevention Bureau.

16. Please explain why the Department pays for water delivery charges and who is charging the department for this service. Is there a more efficient and effective method to provide this service? (Page 7-7, Budget Details, 911008B, 6178)

The Department of Water Supply charges \$23,983 per month for “Fire Protection.” Please see Attachment # 2 FY 2021 Summary for details. The charges are broken down as follows:

Hydrant	6,098	\$3.50 each	\$21,343
Standpipes	1,320	\$2.00 each	\$2,640
		TOTAL:	\$23,983

In addition, the Department pays \$237.60 annually for the Haiku Property.

Capital Improvement Projects

1. What are the Department’s top three locations for new fire stations?

There are a lot of factors to weigh when answering this question. Based on our current calls for service and population density, areas such as Waikapu/ Maui Lani as well as South Lahaina/ Laniupoko/ Olowalu are high on our priorities. Kihei and Paia Fire Stations are also located in a flood zone and will need to be relocated. However, based on the fact that the County owns a piece of property in Haiku that is designated for a fire station and Haiku is without a fire station at this time, that location should be capitalized on.

2. If land is available in Olowalu, does the Department foresee a need for a fire resource center, similar to the Napili Fire Station? Is it in the Department’s plan for the health and safety of our residents?

The Department would definitely support a public/private partnership to establish a facility to house both Maui Fire Department (MFD) and American Medical Response (AMR) resources in the Olowalu area.

3. Please describe any needs for the Kula Fire Station.

Kula Fire Station is not in need of any facility improvements at this time. The current fire engine is in need of replacement as it is already 11 years old and the process to procure a new apparatus is approximately two years. Additional equipment will be needed in the future as more people move to Kula and the rural communities past Kula.

4. Is the Department planning or desiring to move EMS to the Kula Fire Station?

The Department is not planning or desiring to move EMS (AMR) to the Kula Fire Station. This is primarily due to the fact that AMR is a private company and we do not feel that the County should take responsibility for their housing.

5. If an alternative site, such as Holokai, is preferred for the Haiku Fire Station, are the proposed CIP funds sufficient for planning and design? (Page 7-6, Budget Details, 911008B, 6132)

Based on our CIP knowledge, the proposed funds should be sufficient to support planning and design on sites other than the County owned location if the redirection of funds were approved.

6. Why is the Makawao Fire Station Renovation/Addition being proposed in FY 2022 Budget when the facility survey for that station is also included, but has not yet been completed? (Page 689, Program Budget)

These projects can be done concurrently. If both projects are funded the station assessment can be performed while the consultant finishes the design and bid package.

Key Activity Goals & Measures

1. Relating to Fire/ Rescue Operations Program Goals # 1 and # 3, explain the statistics differentiating between residents and visitors, including whether a higher number of visitors rescues might justify a potential fee for emergency services, especially if the incident involves trespassing on private land. (Page 244, Program Budget)

Goal # 1 is a *count* of persons, both residents and visitors, rescued using the helicopter. Historically the number the people rescued by the helicopter is almost the same.

Goal # 3 is a *percentage* of incidents responded to for residents vs. visitors. Historically 82% of our calls are for residents which makes sense since every type of incidents the Department responds to is tracked.

The Department has revisited the idea of seeking reimbursement for all or a portion of search and rescue expenses for persons who require rescue many times over the years. The Department believes that reimbursement requirements may deter or delay prompt notification of first responder agencies by persons requiring rescue. Such a delay in requesting assistance will exacerbate the situation, further endangering the lives of persons involved and their potential rescuers.

In addition, there is no existing mechanism to seek reimbursement for these situations. Development and implementation of reimbursement mechanism will require a significant administrative effort by the four county fire departments to establish and maintain.

2. Relating to Ocean Safety Program Goal # 1 to “protect life, property and environment... through preventative measures,” why is the estimated preventative actions the same for FY 2021 and FY 2022, given the visitor numbers are returning to pre-pandemic levels? (Page 257, Program Budget)

The Budget Narrative for FY 2021 was created and submitted to the Budget Office in October 2019. At the time we did not anticipate the pandemic and the numbers were based on the previous year. The Budget Narrative for FY 2022 was created and submitted to the Budget Office in October 2020. Based on the actions being taken to return to a form of normalcy we anticipated the numbers would return.

If you have any further questions, please feel free to contact Deputy Fire Chief Ventura at x7920.

Sincerely,



DAVID C. THYNE
Fire Chief

Ocean Safety Program

Expenditures Summary by Character & Object – General Fund

CHARACTER/ OBJECT DESCRIPTION	2019 ACTUAL	2020 ACTUAL	2021 ADOPTED	2022 PROPOSED	CHANGE AMOUNT	CHANGE PERCENT
Salaries and Wages						
OTHER PREMIUM PAY	\$186,611	\$361,065	\$360,000	\$392,400	\$32,400	9.0%
WAGES & SALARIES	\$3,206,480	\$3,201,435	\$3,680,076	\$4,197,586	\$517,510	14.1%
Salaries and Wages Total	\$3,393,091	\$3,562,500	\$4,040,076	\$4,589,986	\$549,910	13.6%
Operations						
MATERIALS & SUPPLIES	\$60,712	\$87,309	\$171,928	\$171,928	\$0	N/A
OTHER COSTS	\$60,258	\$62,385	\$38,700	\$42,700	\$4,000	10.3%
SERVICES	\$83,484	\$84,830	\$52,300	\$34,800	-\$17,500	-33.5%
TRAVEL	\$13,447	\$9,594	\$6,970	\$6,970	\$0	N/A
UTILITIES	\$16,013	\$18,366	\$23,304	\$23,304	\$0	N/A
Operations Total	\$233,914	\$262,484	\$293,202	\$279,702	-\$13,500	-4.6%
Equipment						
MACHINERY & EQUIPMENT	\$87,229	\$254,901	\$71,500	\$336,000	\$264,500	369.9%
Equipment Total	\$87,229	\$254,901	\$71,500	\$336,000	\$264,500	369.9%
Program Total	\$3,714,234	\$4,079,885	\$4,404,778	\$5,205,688	\$800,910	18.2%

Equivalent Personnel Summary by Position Title – General Fund

POSITION TITLE	2019 ADOPTED	2020 ADOPTED	2021 ADOPTED	2022 ADOPTED	CHANGE AMOUNT	CHANGE PERCENT
Battalion Chief (Ocean Safety)	1.0	1.0	1.0	1.0	0.0	0.0%
Ocean Safety Officer I	0.0	10.0	10.0	4.5	-5.5	-55.0%
Ocean Safety Officer II	36.0	36.0	36.0	41.5	5.5	15.3%
Ocean Safety Officer III	9.0	10.0	9.0	8.0	-1.0	-11.1%
Ocean Safety Officer IV	3.0	3.0	4.0	5.0	1.0	25.0%
Ocean Safety Officer IV Training Captain	1.0	1.0	1.0	1.0	0.0	0.0%
Ocean Safety Operations Manager	1.0	1.0	1.0	1.0	0.0	0.0%
Secretary I	1.0	2.0	0.0	0.0	0.0	0.0%
Staff Services Assistant	0.0	0.0	1.0	1.0	0.0	0.0%
Program Total	52.0	64.0	63.0	63.0	0.0	0.0%

Continuation Budget Changes (+/- \$10,000) from FY 2021 Adopted Budget

EXPLANATION OF BUDGET CHANGES	CHANGE AMOUNT	CHANGE E/P
Salaries and Wages		
911777A-5101 Regular Wages: Increases pursuant to Executive Order 2019-01 and the Collective Bargaining Agreement; Bureau Opportunity Benefit Incentives; positions filled at higher/lower step levels; reallocated positions.	\$517,510	0.0
911777A-5215 Premium Pay: Increase pursuant to the Collective Bargaining Agreement.	\$32,400	0.0
Operations		
SERVICES:		
911777B-6138 R & M Services/Contracts: Deletion of one-time FY 2021 appropriation to repair PA systems at Baldwin & Hookipa.	-\$17,500	
Equipment		
MACHINERY & EQUIPMENT:		
911777C-7030 Communication Equipment: Delete one-time FY 2021 appropriation.	-\$13,500	
911777C-7048 Rescue Equipment: Delete one-time FY 2021 appropriation.	-\$38,000	
911780C-7055 Vessel and Marine Equipment: Delete one-time FY 2021 appropriation.	-\$20,000	

BFED Committee

From: Michele Yoshimura <Michele.Yoshimura@co.maui.hi.us>
Sent: Monday, April 12, 2021 3:44 PM
To: BFED Committee
Subject: FS-1, BFED-1
Attachments: (FS-1) Response.pdf

Please attached response from the Department of Fire and Public Safety

BRADFORD K. VENTURA
Deputy Fire Chief



DEPARTMENT OF FIRE & PUBLIC SAFETY
COUNTY OF MAUI
200 DAIRY ROAD
KAHULUI, HI 96732

April 20, 2021

Ms. Michele M. Yoshimura
Budget Director, County of Maui
200 South High Street
Wailuku, HI 96793

Honorable Michael P. Victorino
Mayor, County of Maui
200 South High Street
Wailuku, HI 96793

APPROVED FOR TRANSMITTAL

Michael P. Vint 4/22/21
Mayor Date

For Transmittal to:

Honorable Keani Rawlins-Fernandez
Chair, Economic Development & Budget Committee
Maui County Council
200 South High Street
Wailuku, HI 96793

Dear Chair Rawlins-Fernandez:

SUBJECT: FISCAL YEAR (FY) 2022 BUDGET CLARIFICATION

The Department of Fire & Public Safety would like to formally address some of the questions that were asked at the Budget, Finance, and Economic Development Committee Meeting held on Monday, April 19, 2021.

In regards to questions pertaining to Budget Detail Page 7-74, index code 911777B sub-object 6129. In 2017 in preparation for the transition of Ocean Safety from the Department of Parks & Recreation, \$8,000 was requested to be added to sub-object code 6129 (Other Services) in anticipation of the increased number of drug and alcohol testing required by the Collective Bargaining Agreement. Unfortunately, when processing the drug and alcohol testing invoices the charges were made to sub-object code 6132 (Professional Services) instead.

In correcting the charges from 6132, the actual expenses for sub-object 6129 should be as follows:

FY 2018: \$4,773

FY 2019: \$5,283

As of March 31, 2021, \$4,487.09 has been charged to 6129 (Other Services) and \$3,193.71 has been incorrectly charged to 6132 (Professional Services). The total expended from 6129 should be \$7,680.80. A correction will be made to move the expenditures to the correct sub-object code, 6129.

The confusion was created due to drug and alcohol testing charges for Bargaining Unit 11 (Fire) personnel are charged to 6132 (Professional Services). Steps have been taken to correct the charges going forward.

In regards the Automatic External Defibrillators (AED), Department of Parks and Recreation's uses the Philips FRX as confirmed with Director Karla Peters. The Department of Fire & Public Safety uses the Zoll AED 3.

The Zoll AED 3s was selected over cheaper options for the following reasons:

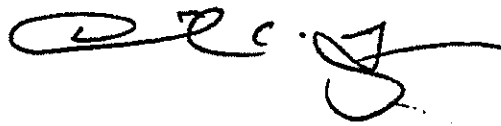
1. The Zoll AED 3 utilizes a puck placed on the chest to provide life audio and visual feedback regarding CPR depth and rate. The AHA (American Heart Association) who is our CPR certifying agency and sets the industry standard recommends this. This recommendation is based off several studies including a recent randomized clinical trial showing a 25% increase in survival to hospital discharge for in-hospital cardiac arrest patients who received CPR where audio and visual CPR feedback devices were used.
2. Our medical director had requested that CPR performance data be recorded by our AED's for review and quality improvement. The Zoll AED 3 records rate, depth, compression fraction, chest recoil, and audio. This can be downloaded, reviewed by our quality improvement trainers and shared confidentially with our medical director using Zoll Software installed on all station computers.
3. The Zoll AED 3 provides an ECG rhythm on the screen. This allows us to view VF/V-Tach vs. Asystole/PEA and better integrate with AMR as they arrive. Paramedics can receive information immediately by looking at our screen. This information is critical for their time sensitive pharmacological choices and other advanced life support decisions.
4. The Zoll AED 3 has built in metronome and notifies the rescuer visually and audibly when they fall out of the acceptable range. Studies have shown that metronomes improve rescuer effectiveness at staying within the AHA recommended CPR compression rates of 100 to 120. Staying within that range is shown to improve the patient's chance of survival.

April 20, 2021

5. The Zoll AED 3 is programmable so that our medical director can adjust the device to keep us up to date on the latest cardiac resuscitation science.
6. The Zoll AED 3 has one of the fastest analysis rates and charges rates so that the analyze to shock time is much shorter than competitors. This is also shown to increase the rates of return of spontaneous circulation (regaining a pulse.)
7. It has the durability for the repetitive use we put it through with and excellent hard case and good IP55 and 1-meter drop ratings so we can use it rain or shine.

If you have any questions, please feel free to contact Deputy Chief Ventura at x7920.

Sincerely,

A handwritten signature in black ink, appearing to read "D.C. Thyne", with a stylized flourish at the end.

DAVID C. THYNE
Fire Chief

BFED Committee

From: Wendy Nathan <Wendy.Nathan@co.maui.hi.us>
Sent: Thursday, April 22, 2021 4:07 PM
To: BFED Committee
Subject: Fwd: FY 2022 Budget (PS-1D) and (FS-1A)
Attachments: (PR-1D) Response.pdf; (FS-1A) Response.pdf

>>> Wendy Nathan 4/22/2021 3:22 PM >>>
Aloha Committee Chair Rawlins-Fernandez,

Attached please find responses from Karla Peters, Department of Parks & Recreation, (PR-1D) and Chief David Thyne, Department of Fire & Public Safety, (FS-1A).

Thank you,
Wendy Nathan

WENDY K. NATHAN | BUDGET SPECIALIST | BUDGET DEPARTMENT, OFFICE OF THE MAYOR | COUNTY OF MAUI
TEL: (808) 270-8239 | EMAIL: WENDY.NATHAN@CO.MAUI.HI.US