



EXECUTIVE CHAMBERS
HONOLULU

DAVID Y. IGE
GOVERNOR

May 24, 2018

The Honorable Bernard Carvalho, Jr.
Mayor, County of Kaua'i
4444 Rice Street, Suite 235
Līhu'e, Hawai'i 96766

Dear Mayor Carvalho:

Re: Letter of Agreement Regarding Transfer of Moneys for Emergency Use

Pursuant to Act 12, Session Laws of Hawai'i 2018, I am transferring Twenty-Five Million Dollars (\$25,000,000), as initial assistance to the County of Kaua'i for the purpose of meeting Kaua'i's immediate disaster relief needs caused by the heavy rains and flooding that occurred in the County of Kaua'i in April 2018.

These moneys are intended to be used to provide immediate relief necessary to fund disaster relief projects as described in the attached schedule submitted by the County of Kaua'i.

The County shall keep adequate records of all expenditures and shall submit monthly reports on the attached forms to show progress toward completion of the projects. Additional funds may be released at a future date, subject to sufficient progress being reported, including site visits by the Department of Defense and/or other appropriate state agencies that may be involved.

The County of Kaua'i has designated Ken Shimonishi, Director of Finance, as its contact person and I am designating Laurel Johnston, Director of Finance to be the contact person for the State of Hawai'i regarding the terms and conditions of this agreement.

The Honorable Bernard Carvalho, Jr.
May 24, 2018
Page Two

With warmest regards,



David Y. Ige
Governor, State of Hawai'i

Accepted and Agreed to:



Bernard Carvalho, Jr.
Mayor of Kaua'i

Date: _____

Attachments

c: Laurel Johnston, Director of Finance
Arthur J. Logan, Adjutant General

10/10/10

10/10/10

10/10/10

<u>Initial Disaster Recovery Efforts</u>		Total	Period 1	Period 2	Period 3
Personnel CoK		\$ 1,170,000	\$ 1,170,000		
Personnel DOW		\$ 75,000	\$ 75,000		
Supplies/Services/Contracts		\$ 1,250,000	\$ 1,250,000		
<u>Projects & Other</u>					
Public Works		\$ 15,863,000	\$ 15,663,000	\$ 200,000	\$ -
Parks		\$ 2,253,811	\$ 1,953,811	\$ 300,000	\$ -
KEMA		\$ 3,925,000	\$ -	\$ 3,925,000	\$ -
Other		\$ 6,040,000	\$ 2,640,000	\$ 3,300,000	\$ 100,000
DOW		\$ 638,372	\$ 638,372	\$ -	\$ -
		<u>\$ 31,215,183</u>	<u>\$ 23,390,183</u>	<u>\$ 7,725,000</u>	<u>\$ 100,000</u>

List of Damaged Facilities

FEMA-XXXX-DR-HI
 Disaster Title: Waikoko/Mainiha Landslides
 Declared: mm dd, yyyy
 Applicant Name: County of Kauai'

Dept./Div. **Public Works**
 Date of Submission **04/27/2018**

ITEM #	LOCATION	DESCRIPTION OF DAMAGE AND SCOPE OF WORK	COST ESTIMATE	TIME PD	Was the estimate completed by a licensed engineer?*	Do you plan to revise this cost estimate in a future submission?	WAS WORK COMPLETED BY FORCE ACCT. (FA), CONTRACT (C) OR BOTH (FC)?	ENTER "ENV" IF THERE ARE ENVIRONMENTAL ISSUES OR "HIST" FOR HISTORIC ISSUES, OR BOTH	WAS THERE INSURANCE COVERAGE? IF YES, ENTER DEDUCTIBLE AMOUNT	WAS THE FACILITY DAMAGED IN A PRIOR DISASTER(S)? IF YES, ENTER DISASTER NAME(S) OR NUMBER(S)	ARE THERE COST EFFECTIVE HAZARD
1	Kahilihoho Rd 96" Culvert	The 96" corrugated metal pipe (CMP) culvert beneath the upstream and downstream embankments experienced catastrophic collapse. The result was open trenches measuring approx. 25' wide and 30' deep beginning at the edge of pavement on each side of the roadway to the inlet and outlet headwall structures, respectively. Scope of work: demo the full length of remaining CMP culvert, install of a new concrete box culvert, replace other drainage infrastructure, relocate and replace utilities, replace pavement.	\$1,500,000.00	1	yes	yes				yes, 2012, number unknown	
2	Weke Road, near black pot beach	Several culverts are blocked by rock, mud and other debris; some broken culverts; washed out roadways at blocked culverts, undermined box culverts. Scope of work: Remove remaining debris from culvert inlets and outlets; place riprap, grouted riprap, and shotcrete to stabilize roads in washed out areas; replace broken sections of reinforced concrete pipe; backfill washed out areas, replace base course and pavement in washed out areas.	\$2,800,000.00	1	yes	yes					
3	Mainiha Powerhouse Road		\$2,200,000.00	1	yes	yes					

List of Damaged Facilities

4	Kahuna Road	Severe erosion of road embankment and riprap revetment where Kapa Stream runs alongside the road; asphalt damage. Scope of work: place riprap, grouted riprap, and backfill; base course; and asphalt in damaged areas.	\$700,000.00	1	yes	yes					
5	Drain Inlet near Kuhio Highway/Kahiliro Rd Int.	Undermined & lifted pavement, erosion surrounding stormwater drain inlet and roadway shoulder. Scope of work: Repair	\$25,000.00	1	yes	yes					
6	Kua Road Ford Crossing	Erosion/scour on both ends on the downstream side. Scope of work: install one cubic yard of Low Strength Concrete Mix (flowable fill) and two cubic yards of rip rap	\$30,000.00	1	yes	yes					
7	Maha Rd Bridge	Erosion at abutments. Scope of work: install one cubic yard of grouted riprap	\$15,000.00	1	yes	yes					
8	Waikomo Rd at Waikomo Stream	Erosion on downstream abutment. Scope of work: install 1 cubic yard grouted riprap	\$15,000.00	1	yes	yes					
9	Akulikuli Bridge	Erosion around wingwalls. Scope of work: place 3 cubic yards of grouted riprap.	\$25,000.00	1	yes or no	Yes					
10	Haua'ala Road Ford Crossing	Concrete spalling/damage of curb on upstream end of bridge; minor spalling elsewhere; Erosion on upstream right side and downstream right side corners. Scope of work: Repair broken curb; place 2 cubic yards of grouted riprap	\$40,000.00	1	yes or no	Yes					
11	Akulikuli Bridge 2	Erosion around the left abutment; slightly undermined. Scope of work: Place cofferdam to dewater around abutment; place two cubic yards of concrete under the abutment; place 2 cubic yards of riprap adjacent to abutment.	\$40,000.00	1	yes or no	Yes					
12	Kainahola Bridge	Erosion around abutments and road shoulders. Scope of work: Place two cubic yards of grouted riprap	\$15,000.00	1	yes or no	Yes					
13	Kapahi Bridge	Minor erosion at abutments, concrete aprons, and guardrails; significant debris build up. Scope of work: clear debris; place 5 cubic yards of small riprap and backfill material.	\$40,000.00	1	yes or no	Yes					
14	Kawaihau Road 'Puni Ditch Bridge	Minor erosion along the sides of the approach. Scope of work: Place 1 cubic yard of riprap	\$15,000.00	1	yes or no	Yes					
15	Keapana Swinging Bridge	Significant damage to timber deck and handrails from debris collision. Possible damage to small cables. Scope of work: Reconstruct all timber members within the span; reconstruct cables as needed.	\$100,000.00	1	yes or no	Yes					

List of Damaged Facilities

16	BlackPot Park Restoration Civil Work	Major erosion to park and damages to existing utilities. Work includes import of approximately 15,000 cubic yards of crushed coral and reconstruction of water, sewer, and electrical utilities.	\$4,270,000.00	1	yes	yes			yes, \$100,000 deductible	no	
17	BlackPot Park Comfort Station Restoration	Demolish existing destroyed comfort station and build new comfort station	\$1,240,000.00	1	yes	yes					
19	Wainiha /Hā'ena	Refuse and bulky item hauling from residential homes in Wainiha/Hā'ena. Includes contracts for rental of equipment and laborers to service isolated area with landslides blocking access. Use of three dump trucks, roll off bins, excavators, laborers. Estimate is for a 5 week period	\$100,000.00	1	no	yes or no					
20	Wainiha /Hā'ena	County crews of 8 to perform refuse pickup from residential homes in in Wainiha/Hā'ena. Estimate is for a 5 week period.	\$20,000.00	1	no						
21	Wainiha / Hā'ena	Transport into Wainiha / Hā'ena to perform refuse hauling and bulky item pickup from residential homes. Use of helicopters, ATV's and barges to access isolated area. Estimate for 5 week period	\$40,000.00	1	no	yes or no					
22	Wainiha / Hā'ena	Management of debris in Wainiha/Hā'ena in isolated area with landslides blocking access. Management option to include air curtain burn.	\$250,000.00	1	no	yes					
23	Hanalei	Contracts for placement and hauling of drop bins for metals, green waste, refuse, and C&D in storm affected area from storm event through 5/1/18	\$125,000.00	1	no	yes or no					
24	Anahola, Keapana, Kealia	Contracts for placement and hauling of drop bins for metals, green waste, refuse, and C&D in storm affected areas on public lands and private properties. Also includes hauling and shredding of green waste at permitted composting facilities	\$100,000.00	1	no	yes or no					
25	Kōloa at Waihoonuu Stream	Contracts for placement and hauling of drop bins for metals, refuse, and C&D in storm affected area from storm event through 5/1/18. Includes County staff cost and equipment.	\$50,000.00	1	no	yes or no					
26	Kekaha Landfill	Cost of increased tonnage of debris from storm. Estimated at 200 tons per day since storm event @ \$119 per ton. (\$119 estimate inclusive of all landfill costs) 60 day estimate.	\$1,428,000.00	1	no	yes or no					

List of Damaged Facilities

27	Island Wide County Solid Waste Sites	Increases to staff labor for storm related activities including extension of operating hours of Kekaha Landfill and Hanalei Refuse Transfer Station and increased hauls. Estimate of 20 overtime hours per day from 4/16 through 5/11.	\$30,000.00	1	no								
28	Waialua Homesteads	Kamailu Road Culvert Analysis/Replacement	\$200,000.00	2	no								
29	Various	Engineering Consulting Services Disaster Response for Projects	\$250,000.00	1	no								
30	Various	Septic/Cesspool Systems Best Practice Study/Program	\$200,000.00	1	no								

Total All Projects

\$15,863,000.00

**If "no," please submit a Request For Assistance.

List of Damaged Facilities

FEMA-XXXX-DR-HI
 Disaster Title: Waikoko/Mainiha Landslides
 Declared: mm dd, yyyy

Applicant Name: County of Kauai

Dept./Div. COK-Parks & Recreation

Date of Submission 05/02/2018

ITEM #	LOCATION	DESCRIPTION OF DAMAGE AND SCOPE OF WORK	COST ESTIMATE	TIME PD	Was the estimate completed by a licensed engineer?*	Do you plan to revise this cost estimate in a future submission?	WAS WORK COMPLETED BY FORCE ACCT. (FA), CONTRACT (C) OR BOTH (F/C)?	ENTER "ENV" IF THERE ARE ENVIRONMENTAL ISSUES OR "HIST" FOR HISTORIC ISSUES, OR BOTH	WAS THERE INSURANCE COVERAGE? IF YES, ENTER DEDUCTIBLE AMOUNT	WAS THE FACILITY DAMAGED IN A PRIOR DISASTER(S)? IF YES, ENTER DISASTER NAME(S) OR NUMBER(S)	ARE THERE COST EFFECTIVE HAZARD
1	Hanalei Neighborhood Center	Flood Repairs	\$20,000	1	No	Yes	No	No	No	No	
2	Hanalei Neighborhood Center	Equipment Replacement	\$10,000	1	No	Yes	No	No	No	No	
3	Hanalei Neighborhood Center	Impact Drill Kit and Socket Attachments	\$563	1	No	No	No	No	No	No	
4	Hanalei Blackpot Beach Park	Greenwaste - Clearing & Disposal	\$600,000	1	No	Yes	No	No	No	No	
5	Hanalei Blackpot Beach Park	Comfort Station - Removal & Disposal	(see Public Works)		No	Yes	No	No	No	No	
6	Hanalei Blackpot Beach Park	Comfort Station - Replacement	(see Public Works)		No	Yes	No	No	No	No	
7	Hanalei Blackpot Beach Park	Septic System - Removal & Disposal	(see Public Works)	1	No	Yes	No	No	No	No	
8	Hanalei Blackpot Beach Park	Septic System - Replacement	(see Public Works)	1	No	Yes	No	No	No	No	
9	Hanalei Blackpot Beach Park	Parking Lot - Replacement	\$500,000	1	No	Yes	No	No	No	No	
10	Hanalei Blackpot Beach Park	Boatyard Fencing - Removal & Disposal	\$15,000	1	No	Yes	No	No	No	No	
11	Hanalei Blackpot Beach Park	Boatyard Fencing - Replacement	\$50,000	1	No	Yes	No	No	No	No	
12	Hanalei Blackpot Beach Park	Hodge Property Fencing - Removal & Disposal	\$10,000	1	No	Yes	No	No	No	No	
13	Hanalei Blackpot Beach Park	Hodge Property Fencing - Replacement	\$15,000	1	No	Yes	No	No	No	No	
14	Hanalei Blackpot Beach Park	Hodge Property	\$600,000	1	No	Yes	No	No	No	No	
15	Kilauea Gym-Used as Evacuation Center	(2) Polyethylene clear sheeting, (2) ram board, (6) duct tape, (12) painters tape, (2) 9x12 canvas drop cloths, (18) 12x15 canvas drop cloths	\$1,268	1	No	No	No	No	No	No	
16	Kilauea Gym-Used as Evacuation Center	Dumpster for Facility Use	\$375	1	No	Yes	No	No	No	No	
17	Anahola Clubhouse	Erosion and Grassing damage	\$37,178	1	No	No	No	No	No	No	
18	Lydgate Pond	Remove storm debris	\$89,973	1	No	No	No	No	No	No	
19	Waialua Golf Course	Removal of Ironwood Tree	\$4,454	1							
27	Various	low-maint. Resource-efficient restrooms	\$300,000	2							
28											
29											
30											
Total All Projects			\$2,253,811								

**if "no," please submit a Request For Assistance.

List of Damaged Facilities

FEMA-XXXX-DR-HI
Disaster Title: Waikoko/Wainiha Landslides
Declared: mm dd, yyyy

Applicant Name: County of Kaua'i

Dept./Div. KEMA

Date of Submission 05/03/2018

ITEM #	LOCATION	DESCRIPTION OF DAMAGE AND SCOPE OF WORK	COST ESTIMATE	TIME PD	Was the estimate completed by a licensed engineer?*	Do you plan to revise this cost estimate in a future submission?	WAS WORK COMPLETED BY FORCE ACCT. (FA), CONTRACT (C) OR BOTH (F/C)?	ENTER "ENV" IF THERE ARE ENVIRONMENTAL ISSUES OR "HIST" FOR HISTORIC ISSUES, OR BOTH	WAS THERE INSURANCE COVERAGE? IF YES, ENTER DEDUCTIBLE AMOUNT	WAS THE FACILITY DAMAGED IN A PRIOR DISASTER(S)? IF YES, ENTER DISASTER NAME(S) OR NUMBER(S)	ARE THERE COST EFFECTIVE HAZARD
1	Hanalei	30' telephone pole replacement (leaning)	\$250,000.00	2	No	No		No	No	No	
2	Wainaea	50' telephone pole needs replacement	\$250,000.00	2	No	No		No	No	No	
3	Kilauea	50' tower, high salt environment 23 year old tower	\$450,000.00	2	No	No		No	No	No	
4	Anahola	120' tower, high salt environment 23 year old tower	\$650,000.00	2	No	No		No	No	No	
5	Molokaa	Solar system cannot keep up with the changing environment	\$75,000.00	2	No	No		No	No	No	
6	Molokaa	30' tower replacement	\$250,000.00	2	No	No		No	No	No	
7	Various	5 radio sites buildings replacement @ \$450k	\$2,000,000.00	2	No	No		No	No	No	
8											
9											
10											
16											
17											
Total All Projects			\$3,925,000.00								

*If "no," please submit a Request For Assistance.

	<u>Project Description</u>	<u>Estimate</u>	<u>Period</u>
1	Ke`e Beach Lifeguard Tower Foundation Improvements	\$ 40,000	1
2	Ha`ena Beach Park Erosion Repairs	\$ 100,000	1
3	Waioli Beach Park Drainage Improvements	\$ 500,000	2
4	Ha`ena Beach Park Parking Lot Improvement and Repairs	\$ 250,000	2
5	KPD Emergency Amphibious Vehicle (Hanalei)	\$ 300,000	2
6	Kauai Diversified Agriculture Recovery Program	\$ 1,000,000	1
7	Tourism Impact / Carrying Capacity Study	\$ 250,000	2
8	Island Wide Rivers, Streams, Ditches Flood Study & Protective Measures	\$ 2,000,000	2
9	Northshore Shuttle Service	\$ 1,500,000	1
10	Natural Resource Management R&D Best Practices	\$ 100,000	3
		<u>\$ 6,040,000</u>	

List of Damaged Facilities

FEMA-XXXX-DR-HI
 Disaster Title: Waikoko/Waihiha Landslides
 Declared: mm dd, yyyy

Dept. of Water - CoK

Applicant Name:

Date of Submission

05/03/2018

ITEM #	LOCATION	DESCRIPTION OF DAMAGE AND SCOPE OF WORK	COST ESTIMATE	TIME PD	Was the estimate completed by a licensed engineer?*	Do you plan to revise this cost estimate in a future submission?	WAS WORK COMPLETED BY FORCE ACCT. (FA), CONTRACT (C) OR BOTH (F/C)?	ENTER "ENV" IF THERE ARE ENVIRONMENTAL ISSUES OR "HIST" FOR HISTORIC ISSUES, OR BOTH	WAS THERE INSURANCE COVERAGE? IF YES, ENTER DEDUCTIBLE AMOUNT	WAS THE FACILITY DAMAGED IN A PRIOR DISASTER(S)? IF YES, ENTER DISASTER NAME(S) OR NUMBER(S)	ARE THERE COST EFFECTIVE HAZARD
1	16-Island	#C180657 - Rain 18, severe weather flooding - response 4/16/18 Waihiha/Haena isolated	36,260	1	yes or no	yes or no					
2	12-Kilauea	# C180660 -Kilauea Severe weather flooding- response 4/16/18 anahola	2,362	1	yes or no	yes or no					
3	10-Anahola	# C180661 Severe weather flooding - response 4/16/18 Anahola	3,324	1	yes or no	yes or no					
4	09-Wai/Kap	# C180662 Severe weather flooding - response 4/16/18 -Waihiha/Kapaa	2,335	1	yes or no	yes or no					
5	08-Lih/Han	# C180663 Severe weather flooding - response 4/16/18 - Lihue/ Hanamaulu	1,549	1	yes or no	yes or no					
6	07 Puihi	# C180664 Severe weather flooding - response 4/16/18 Puihi	-	1	yes or no	yes or no					
7	06-Koi/Poi	# C180665 Severe weather flooding - response 4/16/18 Koiha/Poiu	2,650	1	yes or no	yes or no					
8	05-Law/Ono	# C180666 severe weather flooding - response 4/16/18 Lawai/Ono	1,139	1	yes or no	yes or no					
9	04-Kalahao	# C180667 severe weather flooding - response 4/16/18 Kalahao	500	1	yes or no	yes or no					
10	Admin cost		3,051	1	yes or no	yes or no					
11	Manoa Stream		138,000	1	yes or no	yes or no					
12	Limahuli Stream		120,000	1	yes or no	yes or no					
13	Mobeledemobe		9,200	1	yes or no	yes or no					
14	contingency cost		8,000	1	yes or no	yes or no					
15	Kahihoho Rd		10,000	1	yes or no	yes or no					
16	Weke road estimate		300,000	1	yes or no	yes or no					
17											
estimated totals			638,372								

**If "no," please submit a Request For Assistance.

Report Date:

Act 12, SLH 2018 -- Reporting Form

Reporting Period		Total Amount Awarded: \$25,000,000
From: Month/Date/Year	To: Month/Date/Year	Total Amount Disbursed:
		Award balance after Disbursements:

List each disbursement below. Use additional pages if more space is required.

Date	Recipient	Project Description	Disbursement Amount
TOTAL Disbursed (should match line 5)			\$ 0.00

Please submit by e-mail to: HI.BudgetandFinance@hawaii.gov ATTN: Laurel Johnston

