



**GCA GENERAL MEMBERSHIP MEETING**

Construction Update  
**University of Hawaii**  
August 22, 2017



UNIVERSITY of HAWAII SYSTEM 1



**GCA GENERAL MEMBERSHIP MEETING**

Construction Update  
**University of Hawaii**  
August 22, 2017



UNIVERSITY of HAWAII SYSTEM 2

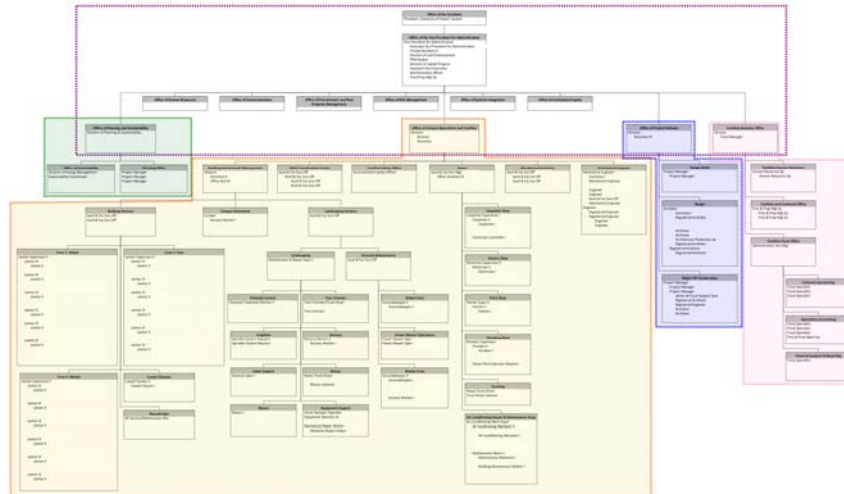
## University of Hawaii Construction Update

- Organization
- Initiatives
- Projects



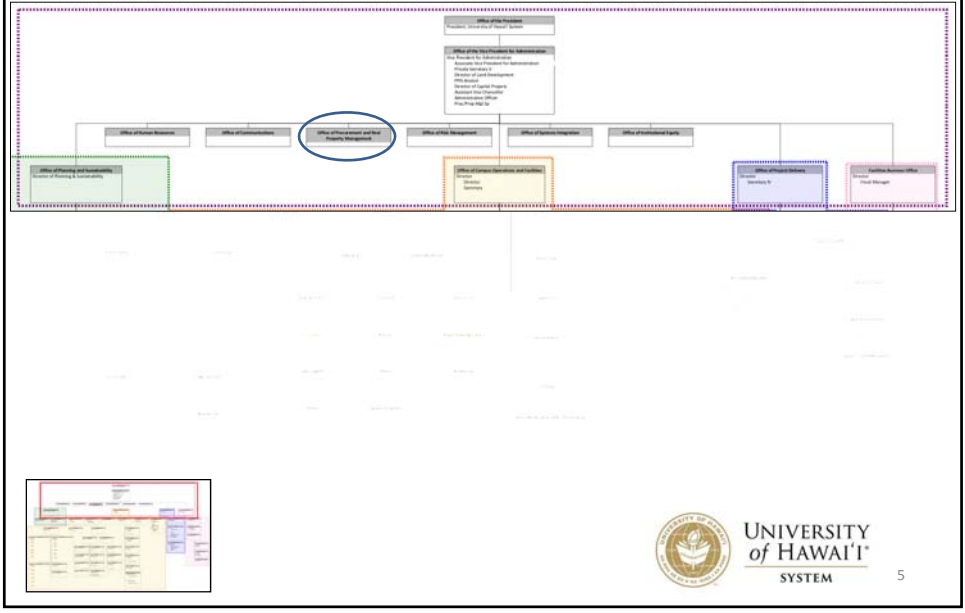
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## Organization – System/Manoa Re-Org



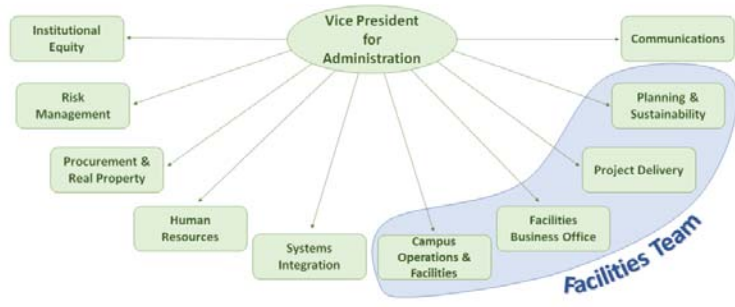
4

### Organization - Departments



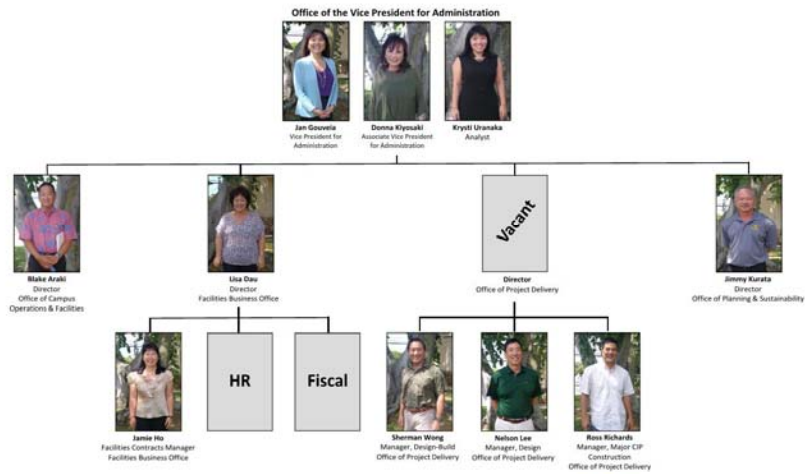
### Organization - Departments

#### University of Hawai'i System Office of the Vice President for Administration

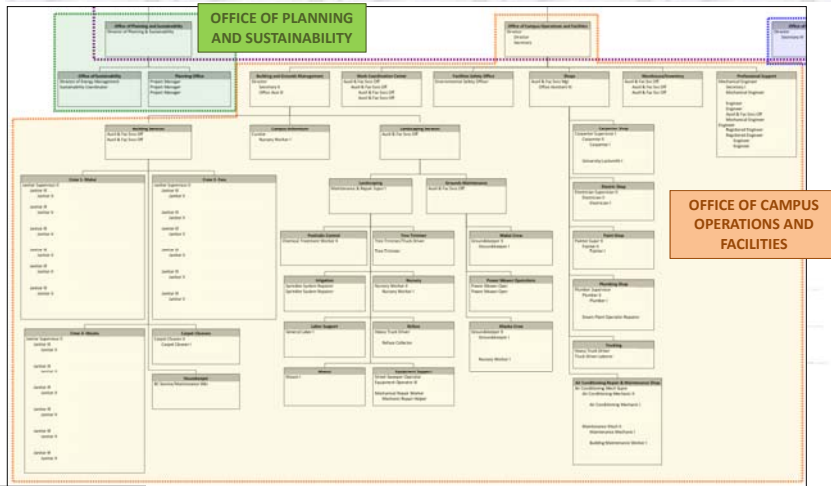


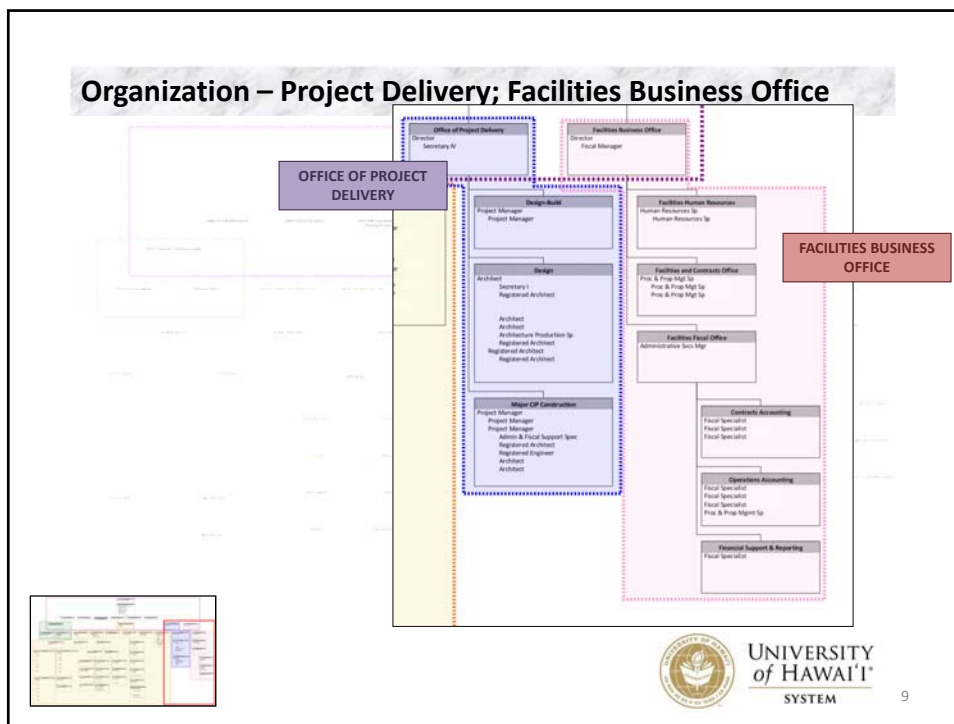
## Organization - Departments

### University of Hawai'i System Facilities Team



## Organization – Sustainability; Operations






### Initiatives - HePS

View	Respond	Delete	RFB Nbr	Close Date	Commodity	Short Description	Items	Agency
			B201800003-00	TUE SEP 19, 02:00:00 PM HST	90927	Campus Wide Upgrade Walkways - Low Courtyard	1	University of Hawaii
			B2017000105-00	FRI SEP 01, 2017 02:00:00 PM HST	90927	Hawaii Community College - UPGRADE ELECTRICAL DISTRIBUTION INFRASTRUCTURE CAMPUS WIDE	1	University of Hawaii

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 ps\_system\_#BPSList (revised: 2014.08.09) Maxima: rc108p\_PredAppV3r (P: \$2.9.174.8)  
 Marketplace Account Number: P0000014371 UserID: uhaestvendor Company: UNIVERSITY OF HAWAII TEST VENDOR


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## Initiatives - HePS

Insert Price here.

Upload Forms here.



## Initiatives - HePS

See bid abstracts immediately after bid closing.

View Abstract	Substitution Bid	Status / Line Award	Delivery Date	Responses	List Items	Close Date	Community	Short Description
Q	8201800000-01	Awaiting Award	Tue Apr 03 2018	3	1	Mon Aug 07 2017 14:00:00	90900	Single Library Air Conditioning R
Q	8201800001-00	Awaiting Award	Tue Aug 13 2017	0	1	Tue Jul 25 2017 14:00:00	90927	MAINTENANCE OF AIR CONDITIONING AND
W	82017000101-00	Awaiting Award	Wed Sep 13 2017	6	1	Thu Aug 17 2017 14:00:00	90927	Keller Hall, Room 203, Interior Ren
Q	82017000099-00	Awaiting Award	Thu Feb 08 2018	7	1	Wed Jul 12 2017 14:00:00	91300	Metallif sseet Water System improve
Q	82017000087-02	Awaiting Award	Sat Jul 01 2017	1	1	Fri May 18 2017 14:00:00	90927	total Aggregate bid - kawa communi
Q	82017000083-00	Awaiting Award	Thu Jun 01 2017	0	1	Wed Apr 03 2017 14:00:00	90927	BUILDING CONSTRUCTION SERVICES, NEW



### Initiatives - HePS

The screenshot displays the HePS interface. At the top, there is a list of documents with columns for document ID, name, and status. Below this is a table titled "Interested Vendors" with columns for Vendor Name, Bid Amount, Bid Date, and Bid Status. The table lists several vendors including "CONCRETE CONSTRUCTION, INC.", "DAKAI PUBLISHING CO., LTD.", "DAKAI CONCRETE, LLC", and "CONCRETE CONSTRUCTION, INC.". Below the table, there are sections for "Bid Abstracts" and "Bid Submissions".

Documents Downloaded from HePS.

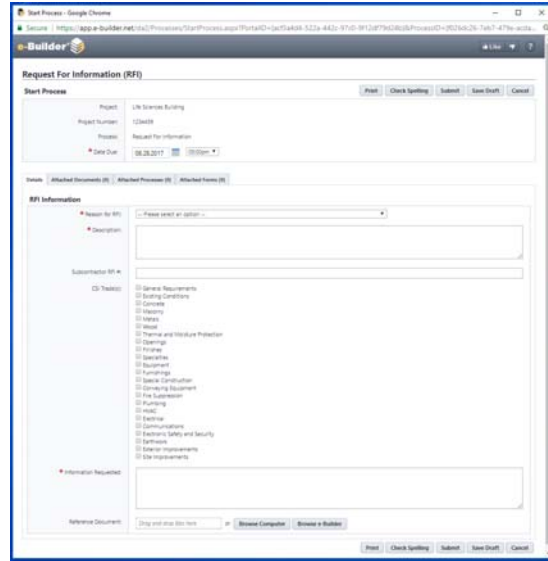
Interested Vendors List.

Bid Abstracts for all Bids submitted.

### Initiatives - e-Builder

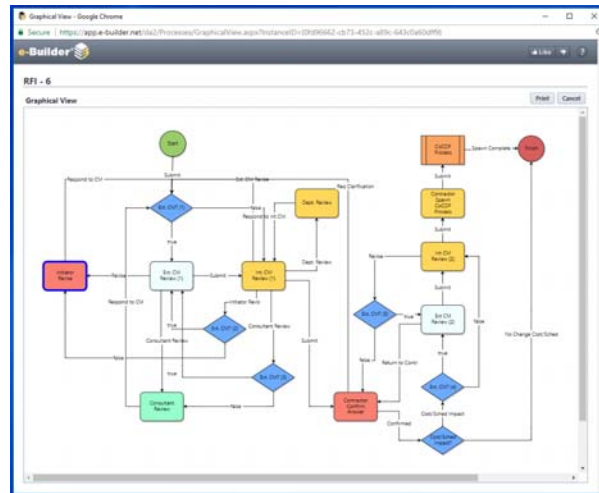
The screenshot shows the e-Builder Members Log In page. The page features the e-Builder logo at the top. Below the logo is a "MEMBER LOG IN" section with a form containing fields for "USERNAME OR EMAIL ADDRESS" and "PASSWORD", and a "LOG IN" button. To the right of the form is a background image of a construction site with a crane. At the bottom left of the form, there is a link for "Forgot your password? Need help?".

## Initiatives – e-Builder



RFI Process Initiated by Contractor

## Initiatives – e-Builder



RFI Process Workflow Tracking



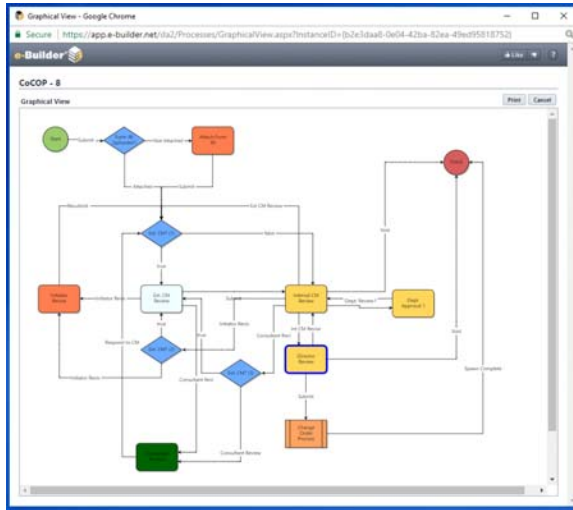
### Initiatives – e-Builder

Change Order Process  
Initiated by Contractor



### Initiatives – e-Builder

Change Order Process  
Workflow Tracking



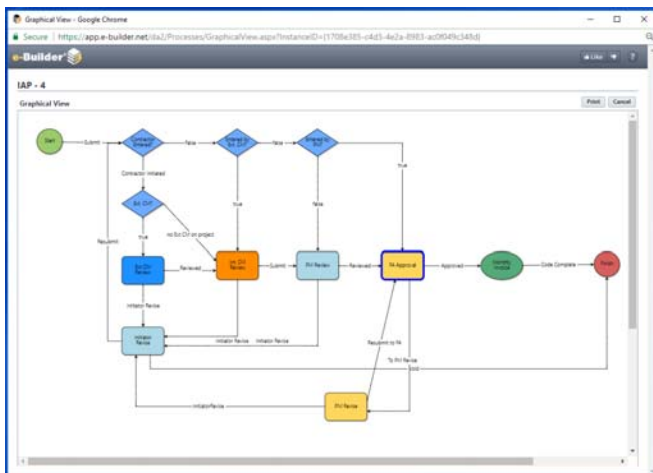
## Initiatives – e-Builder

The screenshot shows the 'Invoice Approval (AP)' form in a web browser. The form is titled 'Invoice Approval (AP)' and includes the following sections:

- Invoice Information:** Fields for 'This invoice is for the month of', 'This invoice is for year', 'Invoice Number', and 'Project account'. There are also dropdown menus for 'Please select an action'.
- Supporting Documents for Final Invoice:** A list of documents to be uploaded, including:
  - Invoice Worksheet
  - Change Order (copying of 1089 Submittals and approved work performed)
  - Bill of Materials
  - Review of Costs
  - Performance Service Contract and Schedule
  - Quantity and Performance Method Details
  - Contractor Data Report
  - Customer of Funding Method Details
  - Justification of Compliance for the Request
  - Continuation of order compliance
- Commitment Invoice Details:** Fields for 'Invoice Number', 'Comments', 'Company/Contract', 'Date Received', and 'Date Due'.
- Commitment Invoice Custom Fields:** A section for additional data entry.

Invoice Approval Process Initiated by Contractor

## Initiatives – e-Builder



Invoice Approval Process Workflow Tracking

## Initiatives – e-Builder

The screenshot displays the e-Builder web application. At the top, it shows the 'Project Processes' for the 'Life Sciences Building - 154800 - Henry Sherman'. A search filter is applied to show 'All Processes'. Below the search bar is a table with columns for 'Process Subject', 'Step', 'Responsible Action', 'Step Age', 'To Step Name', and 'Status'. A red arrow points to the 'Step Age' column header, which is labeled 'Step Aging' in a red box.

Step Aging



## Initiatives – e-Builder

The screenshot shows an email in a Gmail inbox. The email is titled 'PROCESS ESCALATED: Life Sciences Building - Layton Construction Co., LLC - Payment Number #02 July 2017' and is from 'e-Builder Network Notification <bounces@e-builder.net>'. The email body contains a warning: 'The following process has been escalated to you because it now meets escalation conditions setup for this workflow. To view details on this item, click here.' Below this is a 'Process Details' section with the following information:

Project	Life Sciences Building
Process	ISP - 4
Subject	Layton Construction Co., LLC - Payment Number #02 July 2017
Step	FA Approval
In Step Since	08.11.2017
Last Action	Reviewed
Last Action Taken By	Sherman Wong
Status	Submitted

Below the process details is an 'Invoice Information' section:

This invoice is for the Month of	July
This invoice is for	2017

Escalation Notifications to Directors



### Initiatives – Other Procurement Methods

- Design-Build
- IDIQ
- Service Contract

#### DESIGN/BUILD METHOD



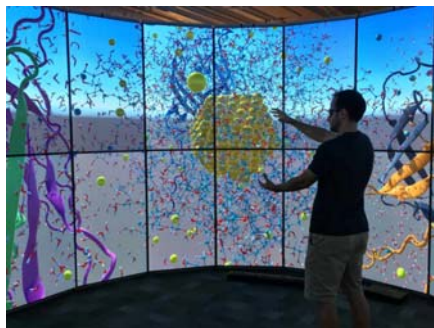
#### TRADITIONAL METHOD



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### Projects - Current

- UHM Gym 1 and Gym 2
- UH West Oahu Creative Media



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## Projects - Forecast

Campus	Project Name	Estimated Value	Year	Qtr	Delivery Method
HawCC	Portable Office Building	\$1.5M	2017	3rd	DBB
HawCC	Electrical Infrastructure Upgrade, Phase 1	\$1M	2017	4th	DBB
HawCC	Renovate Building, 391 Electronics	\$1.0M	2017	4th	DBB
HawCC	Renovate Interior, NHERC	\$7.0M	2018	1st	DBB
HonCC	Embankment Stabilization	\$250k	2017	4th	DBB
HonCC	Parking Lot Renovation	\$3.4M	2018	2nd	DBB
KapCC	Renovate Cafeteria, 6928	\$1.5M	2018	1st	DBB
KapCC	Renovate Building, 6929	\$4.5M	2018	1st	DBB
KapCC	KCC Culinary Phase II	\$30k	2018	4th	DB
KauCC	Kauai CC Photovoltaics	\$2.25M	2018	1st	DB
KauCC	4463 DKU Technology Center Improvements	\$1.6M	2018	1st	DBB
LeeCC	Lab Renovation	\$1.0M	2017	4th	DBB
LeeCC	Waianae Ed Center Renovation, Phase 2	\$3.0M	2017	4th	DBB
LeeCC	Native Hawaiian Center for Excellence	\$4.0M	2018	1st	DBB
LeeCC	Renovate Student Services Center	\$4.0M	2018	1st	DBB
LeeCC	Replace AC System, 7880	\$2.0M	2018	1st	DBB



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## Projects - Forecast

Campus	Project Name	Estimated Value	Year	Qtr	Delivery Method
UHH	Hilo College Hall A & B A/C Removal and Replacement	\$700k	2018	1st	DBB
UHH	Hilo College Replacement of UH Hilo's Primary A/C System	\$1.5 M	2018	1st	DBB
UHH	Imiloa AC Improvements	\$1.0M	2018	1st	DBB
UHH	Pharmacy Modstar	\$4.5M	2019	4th	DBB
UHM	Gym 1 and Gym 2 Renovation	\$7M	2017	3rd	DB
UHM	Duke Kahanamoku Pool, heating, fill, chem, and water sys	\$3.6M	2017	4th	DBB
UHM	CTAHR Waimanalo Research Station, Demo Various	\$300k	2017	4th	DBB
UHM	CTAHR Waimanalo Research Station, General Repairs	\$750k	2017	4th	DBB
UHM	Pope Green House Vent Frames	\$150k	2017	4th	DBB
UHM	Slidder Phase II Accessibility Improvements	\$3M	2017	4th	DBB
UHM	Bilger 337 Renovation	\$2.6M	2017	4th	DBB
UHM	Hamilton Library Phase 1 Mechanical Room Waterproofing and Equipment Replacement	\$900k	2017	4th	DBB
UHM	Sinclair Library Ground Floor Renovation Phase 2	\$3M	2018	1st	DBB
UHM	Various Roof Recoating	\$6M	2018	2nd	DBB
UHM	Bilger Hall and Bilger Addition Roof	\$2M	2018	2nd	DBB
UHM	Kennedy Theater, Biomed, Correa Road Repaving	\$200k	2018	2nd	DBB
UHM	Repaving Projects and ADA Improvements	\$3M	2018	3rd	DBB
UHM	Moore Hall Classroom Renovations	\$1.7M	2018	3rd	DBB
UHM	Hyperbaric Treatment Center - Kuakini Hospital	\$1.5M	2018	4th	DB
UHM	Hawaii Hall Various Repairs	\$600k	2018	4th	DBB
UHM	Bachman Hall Reroofing	\$1M	2018	4th	DBB
UHM	Elevator Modernization Phase IV	\$18.4M	2019	4th	DBB
UHM	Elevator Modernization Phase V	\$1.5M	2021	4th	DBB



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## Projects - Forecast

Campus	Project Name	Estimated Value	Year	Qtr	Delivery Method
UHMC	Food Innovation Center	\$5.0M	2018	1st	DBB
UHMC	2252 Kaaike/2253 Paine HVAC	\$1.1M	2018	1st	DBB
UHMC	2224 Library Renovation	\$440k	2018	1st	DBB
UHMC	Seal Repair Phase 1	\$500k	2018	4th	DBB
UHWO	New Creative Media Building	\$33M	2017	3rd	DB
UHWO	Parking Lot Expansion	\$3.2M	2017	3rd	DBB
UHWO	Reseal CMU Building Exterior	\$350k	2018	1st	DBB
UHWO	Modular Office Building	\$800k	2018	2nd	DBB
Various	Installation of 2nd Flag Pole (Hon, UHMC, Lee, Kau)	\$1.0M	2018	1st	DBB
WCC	Repair Gutter, DS, Fascia, Phase 2, 5990	\$1.0M	2017	4th	DBB
WCC	Reroof Building, 5991	\$2.0M	2018	1st	DBB



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**MAHALO**

Construction Update

**University of Hawaii**

August 22, 2017

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