

Project Management Professional Development Series:

eBuilder Power User Series – “Reporting”

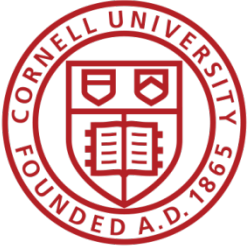
Facilities and Campus Services
Engineering and Project Management
May 2019



eBuilder Power User Series – “Reporting”

Exciting Reporting Initiatives Underway

- Key Project Indicators (KPIs) *across* FCS
- Status Update Field in eBuilder
- Business Intelligence - Project Status Update



Key Project Indicators (KPIs) across FCS

E&PM Big Picture KPIs

1. E&PM Project Volume (by project phase)
2. PCO Categories (three project budget ranges)
3. OPC vs Bid

4. Standards Reviewed, Updated and Added
5. Number of Design Reviews Performed
6. Number of Construction Documents Issued

Capital Projects

Stewardship & Design



E&PM Project Volume

Project Management - Group A

Group A - Pre-Design		Group A - Design		Group A - Construction		Group A - Closeout	
32	\$16,411,714	15	\$6,945,200	14	\$5,233,516	8	\$4,256,120
Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost

Project Management - Group B

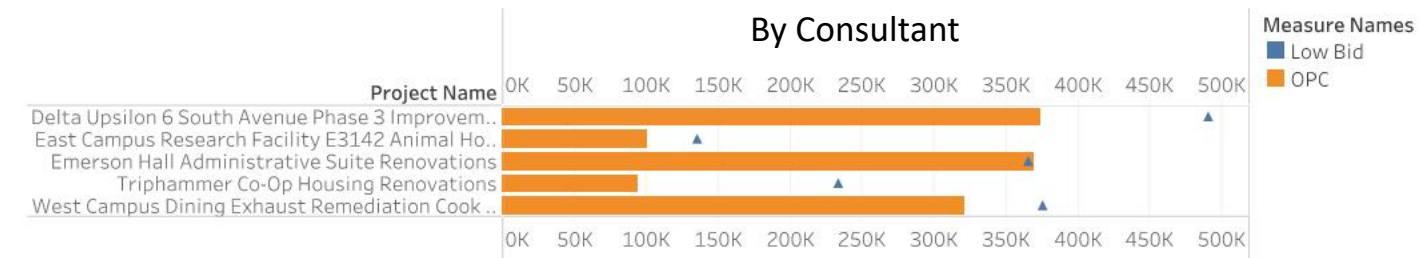
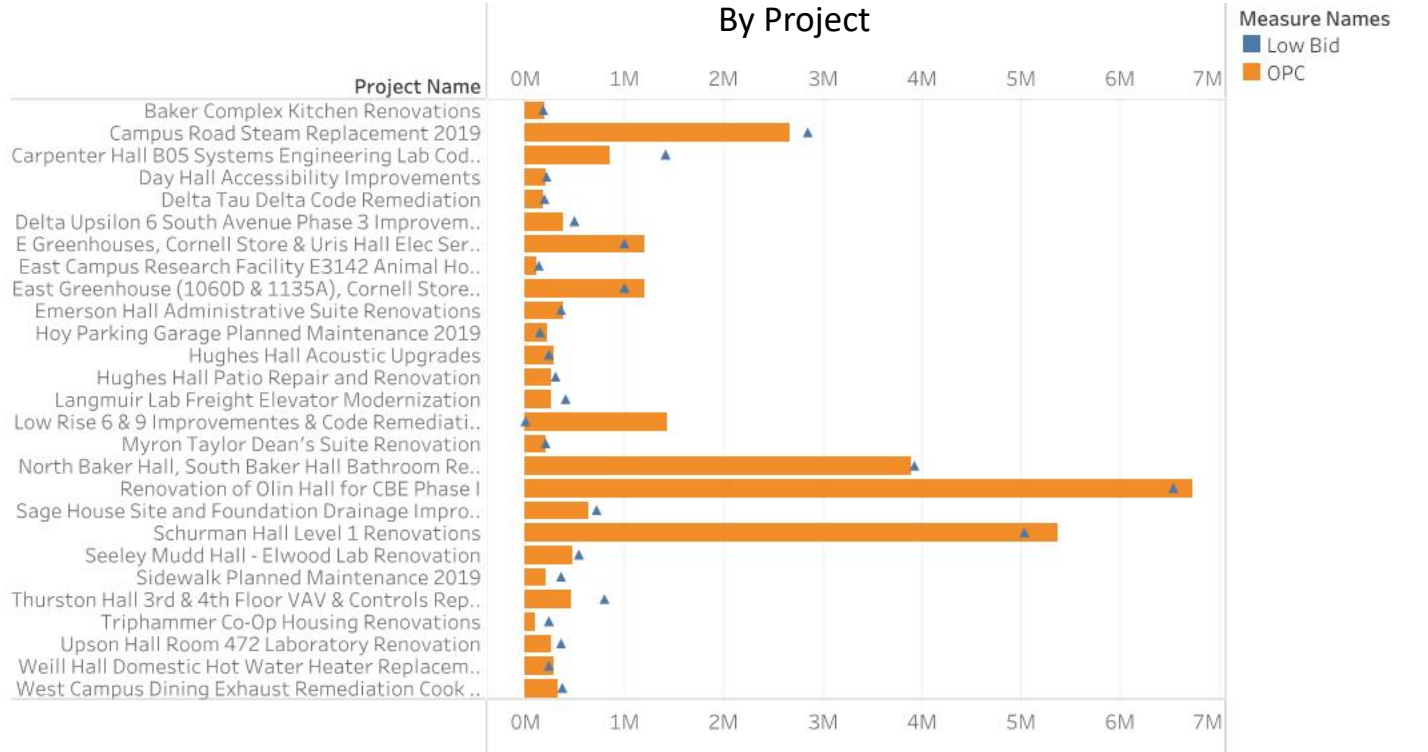
Group B - Pre-Design		Group B - Design		Group B - Construction		Group B - Closeout	
24	\$127,401,200	17	\$43,619,400	25	\$36,423,500	25	\$94,281,957
Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost

Project Management - Group C

Group C - Pre-Design		Group C - Design		Group C - Construction		Group C - Closeout	
10	\$569,840,000	9	\$145,600,000	11	\$91,991,000	13	\$175,498,506
Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost	Total Projects	Total Est. Cost



OPC vs Bid





Status Update Field in eBuilder

Pilot Program Feedback

Project Details For

Details

Export Address Book

Printable Participants Directory

Cancel

Project Name	*Test Donna 1
e-Builder Project Administrator	Sutliff, Donna
Project Status	Administrative

Phase Dropdown

- Pre-Design
- Design
- Construction
- Closeout

Required?:	
Short Name:	
Status Update:	Much of the new infrastructure has been installed with the exception of the duct-work and accessories which are scheduled to start this week. Laboratory casework has been submitted/approved and is scheduled to be on-site in mid-May. Most of the difficult work in the IT server room is complete. Barring any unforeseen developments, this project should finish on time and on budget. 03/12/2019
Close Date:	
MultiVista Project Site:	0



Project Status Update Field in eBuilder

Collaboration Report (Per PM Group)

Project Number	Project Name▲	Project Phase	Status Update	UAO Engagement Required?
Manager: Alex Chevallard (4 records)				
	Campus Wide Exterior Cross walks and Intersection Improvements 2019 and 2020	Pre-Design	Documents have been delivered to Contracts. Pre-bid is scheduled for May 12th. Construction to begin in late June. 05/08/2019	
	Central Energy Plant Physical Security Improvements	Pre-Design	The contractor is completing asphalt replacement. Final pay app is being processed. Project will go to closeout in June. 05/08/2019	
	Print Shop / Water Treatment Plant Utilities Improvements Project	Pre-Design	Documents have been delivered to Contracts. Pre-bid is scheduled for May 9th. Construction to begin in late June. 05/07/2019	
	Tower Road IT Duct Bank	Pre-Design	Design is complete along with documents for contracts, however there is a funding shortage of 90,000. CIT is currently looking into when/how to find this funding. We will proceed to bid when funding is secured. 05/08/2019	
Manager: Dan McClure (11 records)				
	Botanic Gardens Nevin Welcome Center Lowi Lawn Improvements	Design		
	Carl Becker House Elevator Replacement	Design		
	Cascadilla Gorge Slope Stabilization	Closeout		
	Fall Creek Suspension Bridge - Coating and Access Stair Repairs	Design		
	Gorge Trail Repairs Blanket Agreement (2017-2019)	Closeout		
	Gorge Trail Repairs Blanket	Construction		



Project Status Update Field in eBuilder

Bid Phase Schedule Report

Filter By:									
Project Status equals Active									
Task Name contains Bid Period									
Start Date in the next 12.17mo									
Project Phase	Project Name	Status Update	Task Name	Start Date	Finish Date	Duration	% Complete	Last Updated	Seque
Pre-Design	Baker Institute West Wing Humidifier Replacement	Overall project schedule is 42% complete, design schedule is 87% complete. 100% CDs due on May 15th. FM Manager, Jeff Parsons, advised on 4/29/ 2019 that additional monies would be directed to project bringing Estimated Total Project Cost from \$175K to \$400K. The Construction PAR will be submitted by June 30th. 05/09/2019	Bid Period*	05.29.2019	06.26.2019	21d	0%	05.07.2019	
Pre-Design	Beebe Hall HVAC Controls & Related Equipment Upgrade	Project is 41% complete in overall schedule and 21% complete in budget expenditures. Based on the Feasibility Study, the Chilled Water option will be design and constructed. DD documents are due on 5/28/19. 05/09/2019	Bid Period*	08.27.2019	09.17.2019	15d	0%	04.09.2019	
Pre-Design	Newman Floyd Laboratory Cosmic Ray Lab Demolition and Exterior Patio Roof and Handrail Replacement	Design PAR and CRP for LaBella are in Draft form on e-B for Andrew's approval. Hoping to bid this fall, Construction to begin in Spring 2020. 05/07/2019	Bid Period*	10.07.2019	11.01.2019	20d	0%	05.02.2019	
Pre-Design	Waste Management Facility Steam Boiler Replacement		Bid Period*	11.06.2019	11.26.2019	15d	0%	05.13.2019	
Pre-Design	West Avenue Reconstruction		Bid Period*	11.25.2019	12.20.2019	19d	0%	04.10.2019	
Design	Bard Hall Code Improvements CCC Improvements for Academic	Base scope entering Construction Document phase. Project has conducted a \$45K chemical inventory in March. Project is underway with a ~\$90K + chemical classification process. This process will likely take another 3-4 weeks, concluding in April. A 3rd Revised Design PAR was submitted on March 27 requesting funds to complete the chemical classification process. This will be on the 5/2 CF&PC agenda. Following chemical classification - Project will submit state variance to request allowance for additional chemical control zones throughout the complex. 04/30/2019	Bid Period*	10.24.2019	11.27.2019	25d	0%	05.10.2019	



Business Intelligence - Project Status

BI PM Dashboard 2019

► BI PM Dashboard 2019

Facilities and Campus Services **Olin Library Terrace Renewal** Design

None

Project Description The Olin Library Terrace has an end of life roof, structurally deficient stairs and a means of egress without guardrails. Compliance with current NYS Code is required by August 31, 2018? PM Directors to confirm. \$2,000,000 is the total project budget. PM will engage a design firm to address both Code compliance and multiple stakeholders with interest in programmatic use of the space.

Project Type Maintenance

Project Size

Total Budget \$2,000,000

LEED Goal n/a

Customer University Library

PM Jason Cragle

Contractor

Architect

Project Status Project currently out to bid. Bids Due May 28th, 05/02/2019

Financial Summary

Description	Original Budget	Approved Budget Changes	Current Budget	Actuals Approved
01 - CONSTRUCTION	\$0	\$0	\$0	\$0
02 - PLANNING & DESIGN	\$254,000	\$0	\$254,000	\$105,311
03 - FURNITURE, FIXTURES & EQUIPMENT	\$0	\$0	\$0	\$0
04 - PROJECT SUPPORT	\$3,000	\$0	\$3,000	\$2,813
05 - TRANSPORTATION ASSESSMENT	\$0	\$0	\$0	\$0
06 - PROJECT MANAGEMENT	\$13,000	\$0	\$13,000	\$13,000
07 - PROJECT CONTINGENCY	\$30,000	\$0	\$30,000	\$0

Project Schedule Milestones

Last Updated: 4/10/2019

Date	Milestone	% Complete
Dec-18	A/E Selection	0% Overall Project
Dec-18	Design Start	
Mar-18	Bid Start	
Mar-18	Construction Start	
Mar-18	Substantial Completion	
Mar-19	Close Out	
Oct-19	Project Finish	

Project Commitment Summary

\$300,000 Current Budget	\$121,124 Actuals Approved	\$167,543 Current Commitments	\$167,543 Projected Commitments
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GC Invoices Paid

\$0 Approved Amount	#DIV/0! Percent Approved
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PM Fee Paid

\$13,000 Approved Amount	100.00% Percent Approved
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A/E Invoice Summary

Description	Current Budget	Actuals Approved	Percent Complete
02.01.01 - Planning/ Programming Study	\$0	\$0	#DIV/0!
02.01.02 - Feasibility/Pre-Schematic Design Study	\$0	\$0	#DIV/0!
02.01.03 - Schematic Design	\$28,047	\$28,047	100%
02.01.04 - Design Development	\$28,914	\$28,914	100%
02.01.05 - Construction Documents	\$52,413	\$41,930	80%
02.01.06 - Bidding	\$4,002	\$0	0%
02.01.07 - Construction Administration	\$30,875	\$0	0%
02.01.08 - A/E Reimbursables	\$2,000	\$941	47%
Current Budget			
Actuals Approved			
Percent Complete			

Project Contingency Summary

\$30,000 Original Budget	\$30,000 Remaining Contingency	\$0 Contingency Used	0.00% Percentage Used
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Business Intelligence - Project Status Update

BI PM Dashboard 2019

► BI PM Dashboard 2019

Facilities and Campus Services **Olin Library Terrace Renewal** Design

None

Project Description The Olin Library Terrace has an end of life roof, structurally deficient stairs and a means of egress without guardrails. Compliance with current NYS Code requires a design firm. \$2,000,000 is the total project budget. PM will engage a design firm to address both Code compliance and multiple stakeholders with interest in programmatic use of the space.

Project Type Maintenance
Project Size
Total Budget \$2,000,000
LEED Goal n/a
Customer University Library
PM Jason Cragle
Contractor
Architect

Project Status Project currently out to bid. Bids Due May 28th. 05/02/2019

Status Field!!

Financial Summary

Description	Original Budget	Approved Budget Changes	Current Budget	Actuals Approved
01 - CONSTRUCTION	\$0	\$0	\$0	\$0
02 - PLANNING & DESIGN	\$254,000	\$0	\$254,000	\$105,311
03 - FURNITURE, FIXTURES & EQUIPMENT	\$0	\$0	\$0	\$0
04 - PROJECT SUPPORT	\$3,000	\$0	\$3,000	\$2,813
05 - TRANSPORTATION ASSESSMENT	\$0	\$0	\$0	\$0
06 - PROJECT MANAGEMENT	\$13,000	\$0	\$13,000	\$13,000
07 - PROJECT CONTINGENCY	\$30,000	\$0	\$30,000	\$0

Project Schedule Milestones Last Updated: 4/10/2018

Date	Milestone	% Complete
Dec-18	A/E Selection	0%
Dec-18	Design Start	0%
Mar-18	Design Complete	0%
Mar-18	Construction Start	0%
Mar-18	Construction Complete	0%
Mar-19	Close Out	0%
Oct-19	Project Finish	0%

Schedule Milestones!!

Project Commitment Summary

Category	Value
Current Budget	\$200,000
Actuals Approved	\$12,221
Current Commitments	\$167,546
Projected Commitments	\$177,505

Commitment Summary

GC Invoices Paid

Category	Value
Approved Amount	\$0
Percent Approved	#DIV/0!

PM Fee Paid

Category	Value
Approved Amount	\$13,000
Percent Approved	100.00%

A/E Invoice Summary

Description	Current Budget	Actuals Approved	Percent Complete
02.01.01 - Planning/Programming Study	\$0	\$0	#DIV/0!
02.01.02 - Feasibility/Pre-Schematic Design Study	\$0	\$0	#DIV/0!
02.01.03 - Schematic Design	\$28,047	\$28,044	100%
02.01.04 - Design Development	\$28,914	\$28,914	100%
02.01.05 - Construction Documents	\$13,000	\$10,930	80%
02.01.06 - Bidding	\$4,002	\$0	0%
02.01.07 - Construction Administration	\$30,875	\$0	0%
02.01.08 - A/E Reimbursables	\$2,000	\$941	47%
Total	\$136,838	\$68,892	50%

A/E Invoice Summary

Project Contingency Summary

Category	Value
Original Budget	\$30,000
Remaining Contingency	\$30,000
Contingency Used	\$0
Percentage Used	0.00%

Contingency Summary



Business Intelligence - CM Statistics

Facilities and Campus Services	Fine Arts Library/Rand Hall First Floor Mechanical Systems Upgrade	Construction
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Fine Arts Library/Rand Hall First Floor Mechanical Systems*

Project CM Statistics

PCO Information

GC Prep 101.85 Days Target < 90	No Data Qualified for this Report	CU Review 9.10 Days Target < 14	GC Revise 54.81 Days Target < 90	Open PCO Status - GC Court 68 Open PCO's \$234,500 GC Int. Estimate \$0 Owner's Estimate			Open PCO Status - CU Court 8 Open PCO's \$37,000 GC Int. Estimate	
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RFI Information

A/E Response 13.4 Days Target < 7	Open RFI's 1 Number
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Submittal Information


A/E Review 22.7 Days Target < 21
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Pay Application Information



No More Slides!!

University Library – Olin Library Terrace Renewal
Design

Project Description	Financial Summary	Project Budget Model																																																																																																																				
 <p>The purpose of this project is to replace the Terrace level roof and stairs leading to Ho Plaza as well as install guard rails along the means of egress from the 2nd floor of the building and across the Terrace.</p> <p>Location: Olin Library Type: Renewal Project Size: TBD Total Budget: \$2,000,000 Const. Cost/GSF: TBD</p> <p>Customer: Facilities Maintenance Unit Rep: Dave Baildon CU PM: Jason Cragle CU CM: Jason Cragle</p> <p>Architect: Bell & Spina MEP: Taitem Engineers Contractor: TBD</p>	PAR Items	App PAR Budget	Spent To Date	Total Forecast		Construction	\$0	\$0	\$0		Planning & Design	\$254,000	\$55,152	\$54,000		FFE	\$0	\$0	\$0		Project Support	\$3,000	\$3,000	\$3,000		Transportation	\$0	\$0	\$0		Project Mngt.	\$13,000	\$13,000	\$13,000		Contingency	\$30,000				Total	\$300,000	\$71,765	\$270,000		Status					<ul style="list-style-type: none"> Project presentation to ILPC Commission which was approved as submitted CD Phase ongoing 					Project Issues					<ul style="list-style-type: none"> Full funding for the project will not be available until new fiscal year July 2019 					Project Schedule					Design RFPs Due	6/14/18			SD Due	10/18/18			DD Due	2/14/19			CD Due	3/29/19			Bids Due	5/24/19			Construction Start	7/15/19			Construction Complete	11/29/19			Project Statistics					Contingency Remaining	\$30,000			Design Schedule	<div style="width: 82%; background-color: #0070C0; height: 10px;"></div>	82%		Invoiced	0%			Contingency Projected Use	0%	
	PAR Items	App PAR Budget	Spent To Date	Total Forecast																																																																																																																		
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Updated 4.1.19 JPC