



BIM 360 Cost Management Product Briefing - CS467258

Ian Turner

Sr. Product Manager

Esteban Corrales

Manager, Technical Sales Specialists

Safe Harbor

During the course of this presentation, we may make statements regarding future events and/or statements regarding planned or future development efforts for our existing or new products and services. We wish to caution you that such statements reflect our current expectations, estimates and assumptions based on factors currently known to us and that actual events or results could differ materially. Also, these statements are not intended to be a promise or guarantee of future delivery of products, services or features but merely reflect our current plans, which may change. Purchasing decisions should not be made based upon reliance on these statements. The statements made in this presentation are being made as of the time and date of its live presentation. We do not assume any obligation to update any statements we make to reflect events that occur or circumstances that exist after the date of this presentation.

Autodesk, the Autodesk logo, BIM 360, Assemble, PlanGrid and Building Connected are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document. © 2020 Autodesk, Inc. All rights reserved.





About the speaker

Ian Turner – Sr. Product Manager

Former construction estimator for 17 years before switching to a mixture of implementing, selling and product managing 5D virtual construction software for the past 15 years.



About the speaker

Esteban Corrales – Manage, Technical Solutions

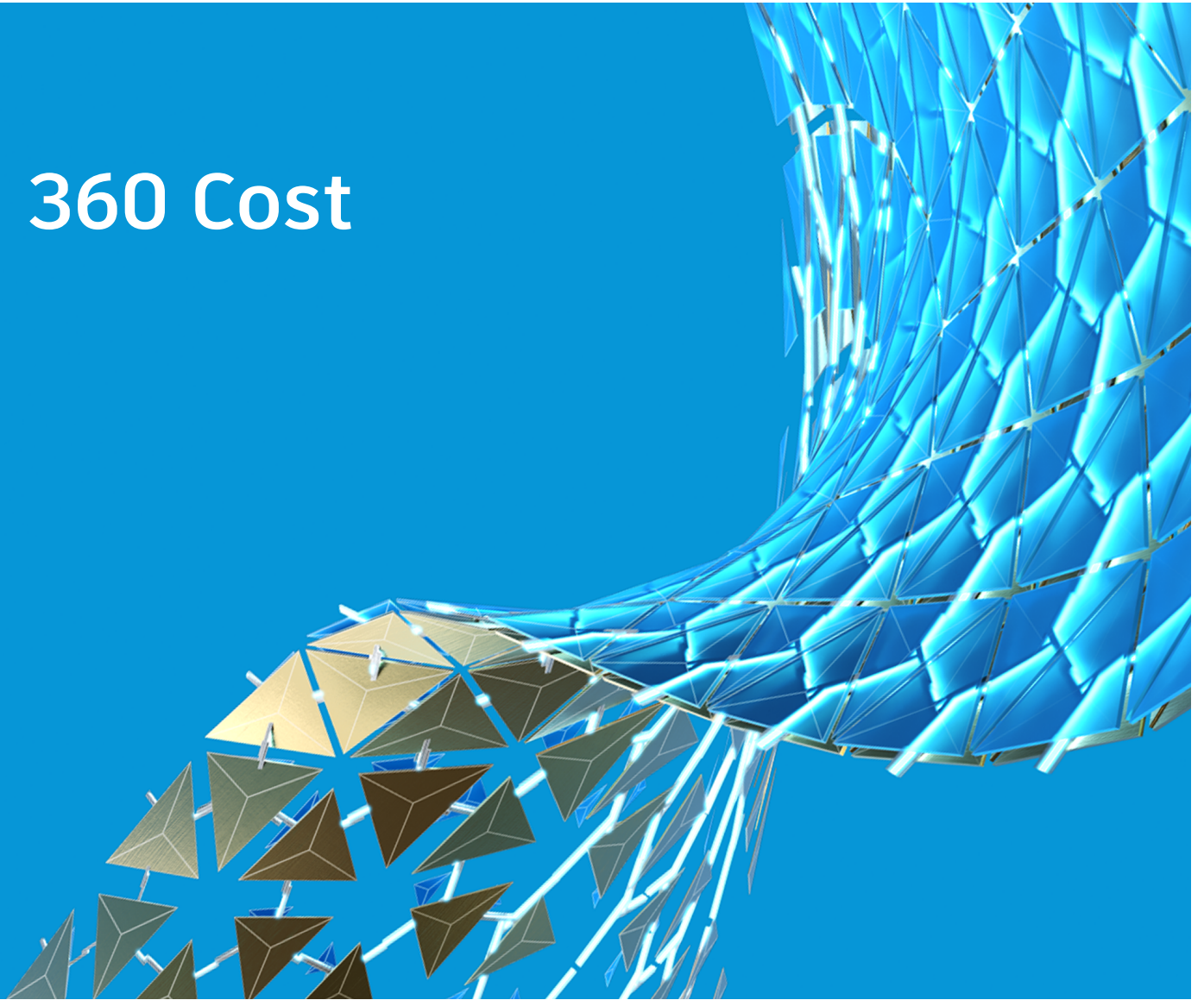
Prior to coming to Autodesk 3 years ago, Esteban has spent 12 years in the Construction industry, working in roles such as a Precon Engineer, Project Engineer, and Project Manager on both Commercial and Renewable Energy Construction. He has spent the last 3 years working closely with customer to find process and technology improvements to help their day to day and buisness goals.

Agenda

- **Introduction to BIM 360 Cost:** What it is and who it's for – How the site team view and manage cost and seamlessly coordinate with accounting so they what to pay, to whom and when
- **Recap recent releases**
- **Preview what is coming**



What is BIM 360 Cost



A construction worker wearing a yellow hard hat and a high-visibility vest is looking at a tablet. The background is a blurred construction site with scaffolding and other workers, all tinted in a blue color. The text "\$60M" is overlaid in white.

\$60M



BIM 360 Cost Management

BIM 360 Cost adds powerful cost control, change management, and pay application workflows to the BIM 360 Platform, enabling teams to minimize risk by managing all related construction activities in a single software.

The screenshot displays the BIM 360 Cost Management interface. The top navigation bar includes tabs for BUDGET, CONTRACT, COST ITEM, PCO, and a selected tab for 0-0002. The main content area is divided into a table of cost items and a detailed view on the right.

Cost Management Table:

Number	Name	Status	Submitted	Approved	Budget Code	Created Date	Budget Name
0-0003	RCO R-0003, R-0001	Submitted	60,380.34	35,380.34		Nov 26, 2018	
0-0009	Metal Panel Additions	Executed	25,602.85	25,602.85		May 7, 2019	
0-0011	ASI #13 Revised Kitchen Equipment...	Open	5,777.49	5,777.49		Nov 8, 2019	

Details View (RCO R-0003, R-0001):

Number: 0-0003
Name: RCO R-0003, R-0001
Description:
Main Contract: Select...
Document Template: OCO sample document template with options.docx
Status: Submitted
Schedule Change: 0

RECIPIENTS: No Recipient

SCOPE OF WORK: Signage schedule additions and revisions
Additional Floor Openings as per RFI005, per structural drawing ST-EWG-010

MARKUP SUMMARY: Markup formula Alternative Markup 1 has been applied.

Estimated	Proposed	Submitted	Approved
1,887.51	2,364.11	2,552.85	2,552.85

Name: Insurance
Amount: 2.00%
Resu: 400.0

Summary Table:

Estimated	Proposed	Submitted	Approved
3,993.96	3,888.85	3,993.96	3,993.96

How do we mitigate financial risk?



SINGLE VIEW OF PROJECT
COSTS

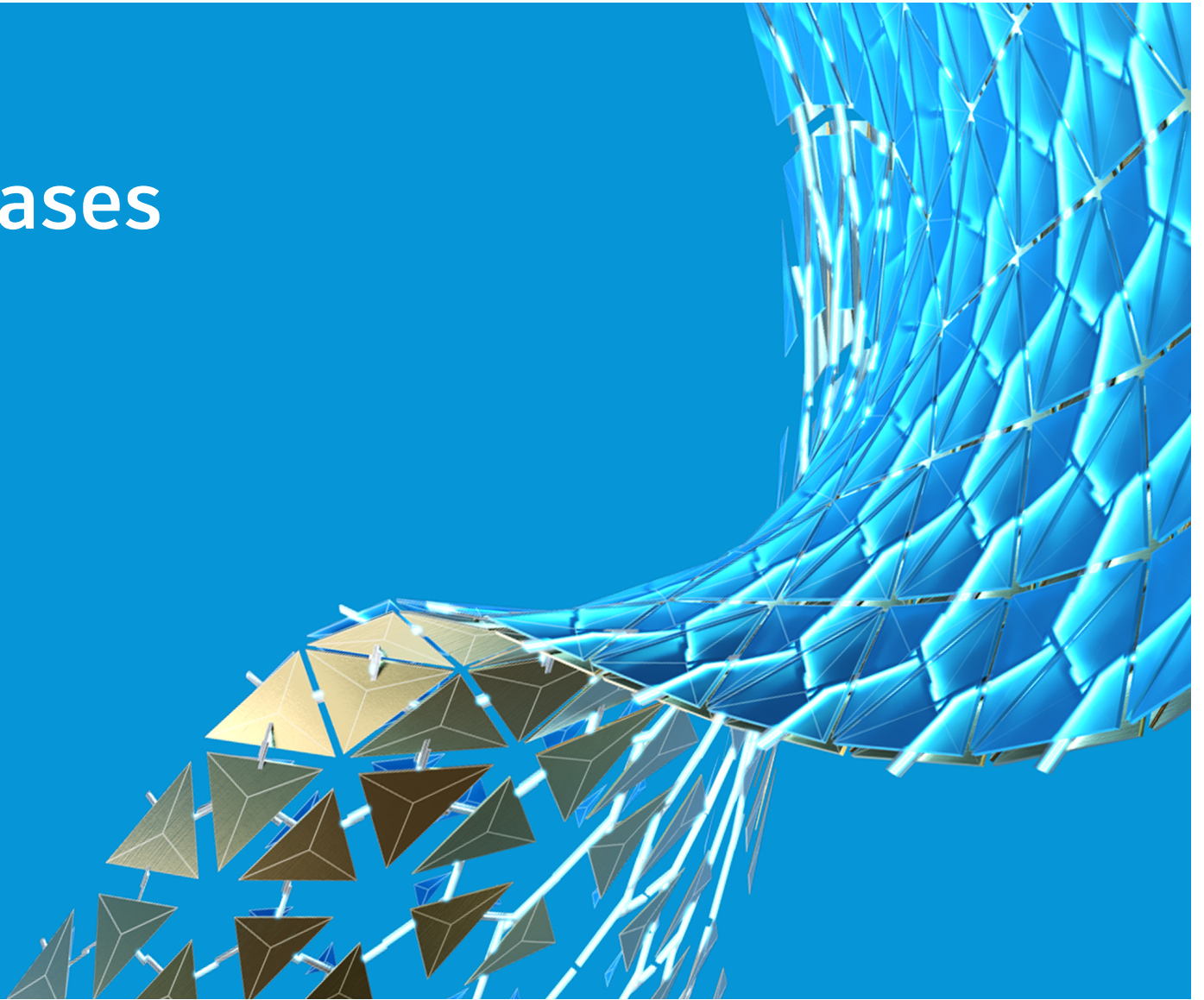


OPTIMIZE
COMMUNICATION & PROCESS



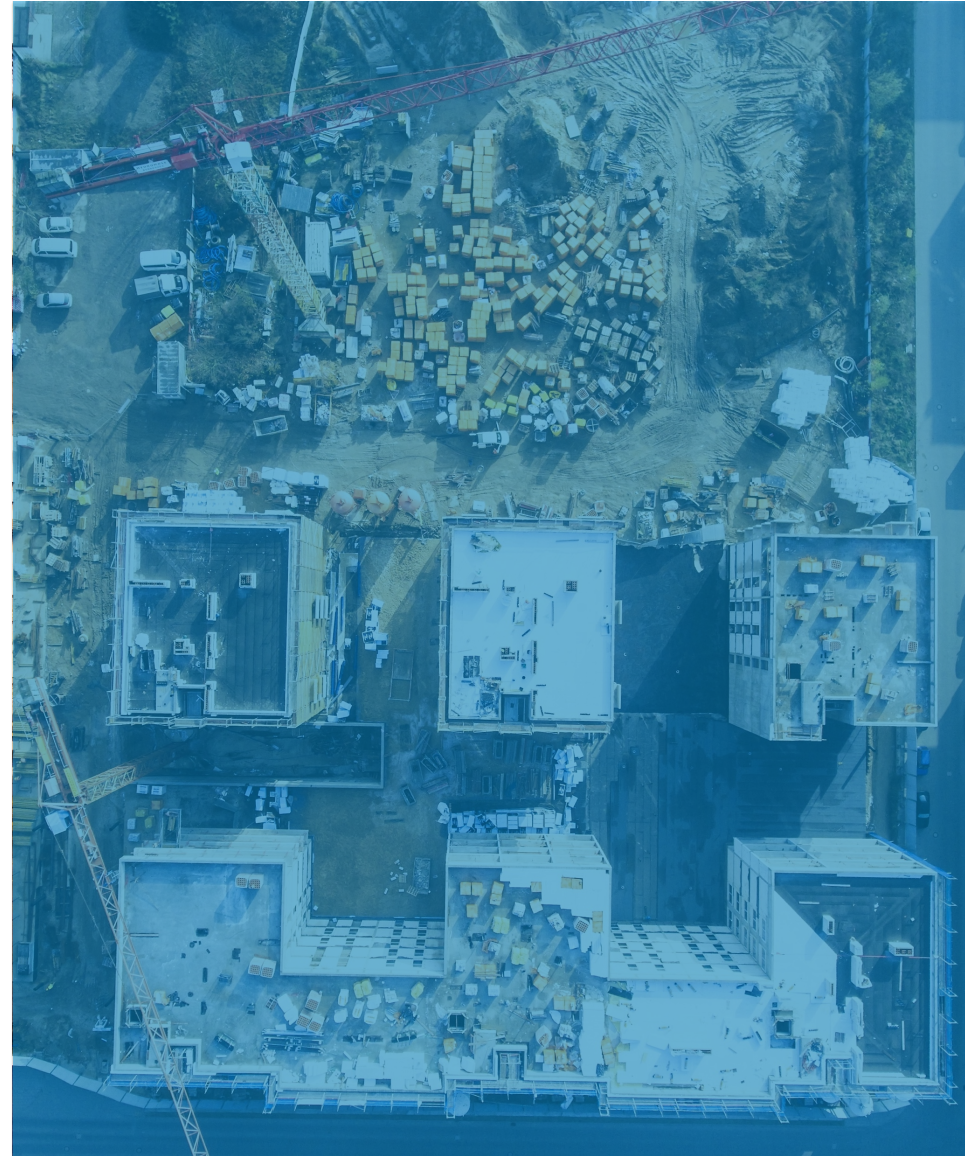
FORECAST ACCURATELY
(AND EARLY)

Recent Releases



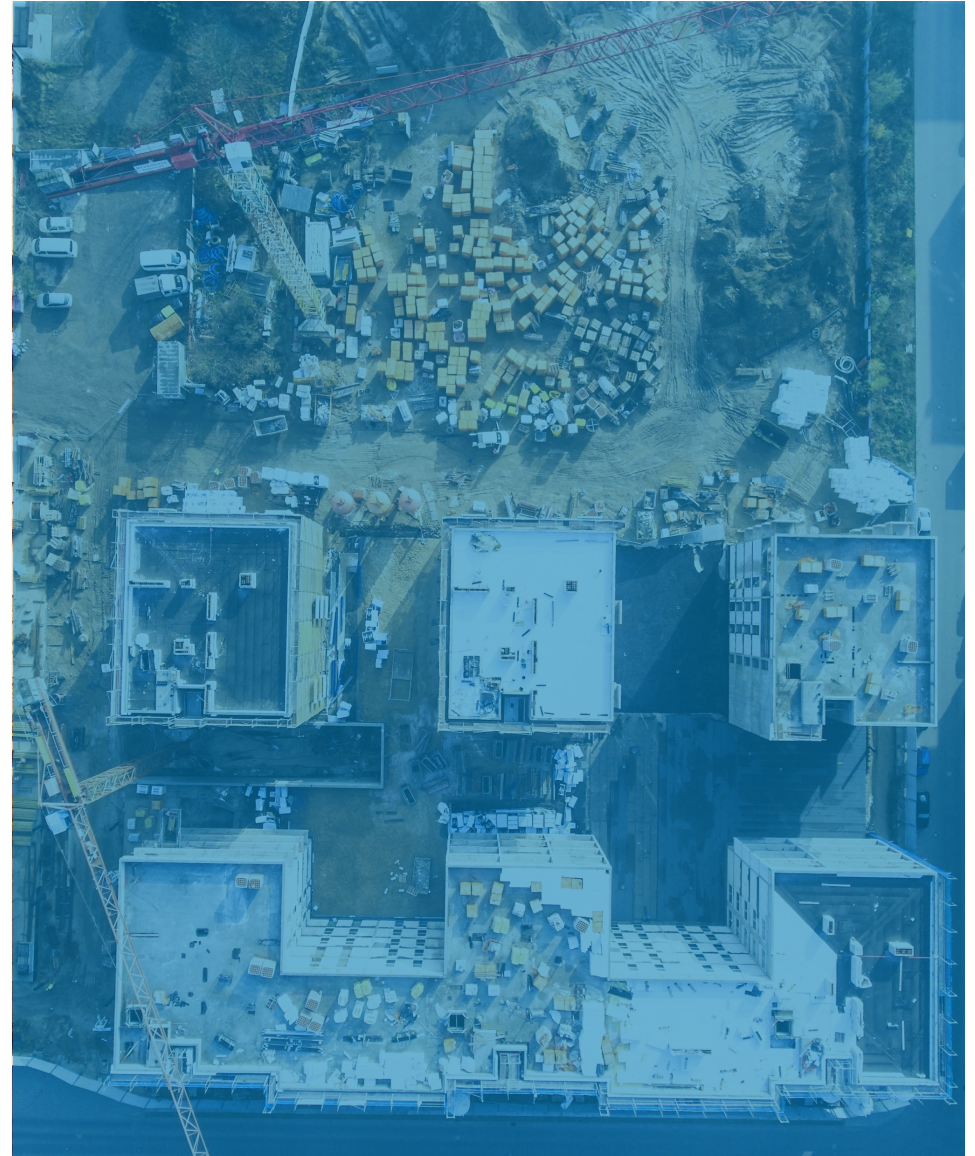
Recent Releases

- Expenses and Pay Applications
- Supplier Owner Access
- Custom Calculated Budget Columns
- Document Generation Improvements



Recent Releases

- **Expenses and Pay Applications**
- Supplier Owner Access
- Custom Calculated Budget Columns
- Document Generation Improvements



Expenses

WHAT IT IS

Functionality that enables teams to streamline the management of expenses and use up-to-date actual cost data for more accurate forecasting.

WHY WE BUILT IT

- Disconnect between tracking and management of invoices and expenses
- Teams reported poor status visibility on actual costs
- Tracking actual costs was a time consuming and disorganized process

Cost Management BUDGET CONTRACT COST ITEM PCO 0-0002

AUTODESK BIM 360 Imperium Imperium Demo Pay Apps

Cost Management INCOME EXPENDITURE CHANGE ORDER

CONTRACT COST PAYMENT APPLICATION EXPENSE

Add from Contract

You are viewing data with filters/groupings applied. [Clear all](#)

Number	Name	Supplier	Contract	Amount	Type	Budget Code	Budget Name
▼ 0-00				65,000.00			
CI	Type: Internal						
CI	INT-0001 Staff	BIM 360 Construction Servi...	Staff	57,000.00	Internal		
CI	INT-0002 Site Accommodation	BIM 360 Construction Servi...		8,000.00	Internal		
▼ Mi	Type: Invoice			16,750.00			
INV-0001	Timber	*** Timber Supply		1,000.00	Invoice		
▼ INV-0002	Traffic Barriers (Delivery 1)	Barrier Company	Traffic Barriers	2,500.00	Invoice		
0001	TRAFFIC BARRIERS		Traffic Barriers	2,500.00		09871000156000...	TRAFFIC BARRIERS
▼ INV-0003	Traffic Barriers (Delivery 2)	Barrier Company	Traffic Barriers	2,500.00	Invoice		
0001	TRAFFIC BARRIERS		Traffic Barriers	2,500.00		09871000156000...	TRAFFIC BARRIERS
▼ INV-0004	Office Supplies	Office Supplies R Us	Office Supplies	10,000.00	Invoice		
▼ INV-0005	Printing	*** Fedex		750.00	Invoice		

Estimated	Proposed	Subm
3,993.96	3,888.85	3,993.96

Pay Applications

WHAT IT IS

Workflows that help to to automate the payment process, review and submit and approve submissions and easily track payments. This is achieved through three directly connected tabs:

- **Main Contract-** Home of the main/prime contracts
- **Cost Payment Application-** Payment applications from Subcontractor to GC
- **Budget Payment Application-** Payment Applications from GC to Owner

WHY WE BUILT IT

- Managing pay applications is a drawn-out repetitive process with high risk for error.
- The pay application process often involves several disconnected solutions.
- There's no real-time view of how payments affect the project budget.

Cost Management

BUDGET

CONTRACT

COST ITEM

PCO

0-0002

Q Find

AUTODESK BIM 360

United Construction > Pacific Center Campus

Cost Management

Income

Expenditure

Change Order

Budget

Main Contract

Budget Payment Application

Main Contract 1

Jan 1, 2019 - Jan 31, 2019

<>

Submitted

Associated Cost Payment Application: 1 [View](#)

General		Scheduled Value				Change Order				Revised Value			
Number	Name	Qty	Unit	Unit Cost	Amount	Qty	Unit	Unit Cost	Amount	Qty	Unit	Unit Cost	Amount
MC-1	Main Cont...				75,355...				5,777.49				75,361,594.0
010000	General R...	1	ea	19,201...	19,201...	1	ls	549.49	549.49	1	ea	19,201...	19,201,987.6
8472001012100	Fees/Lega...	1	ea	193,633...	193,633...	1	ls	338.80	338.80	1	ea	193,971...	193,971.8
8472001012100	Solicitors ...	1	ea	183,326...	183,326...					1	ea	183,326...	183,326.0
8472001012100	Bill Prepa...	1	ea	73,330...	73,330...	1	ls	53.85	53.85	1	ea	73,384...	73,384.2
8472001012100	Testing a...	1	ea	18,332...	18,332...					1	ea	18,332...	18,332.6
8472001012900	Risk Conti...	1	ea	4,015.4...	4,015.4...	1	ls	156.84	156.84	1	ea	4,015.5...	4,015,566.3
8472001013000	3D Printing	1	ea	87,000...	87,000...					1	ea	87,000...	87,000.0
8472001013100	Site Mana...	1	ea	5,590.4...	5,590.4...					1	ea	5,590.4...	5,590,416.3
8472001013100	Post Cons...	1	ea	159,671...	159,671...					1	ea	159,671...	159,671.4
8472001013500	Architects	1	ea	3,060.7...	3,060.7...					1	ea	3,060.7...	3,060,719.2
8472001013500	Consultin...	1	ea	3,164.9...	3,164.9...					1	ea	3,164.9...	3,164,936.4
8472001013500	Temporar...	1	ea	137,494...	137,494...					1	ea	137,494...	137,494.5
8472001013500	Ordnance ...	1	ea	54,997...	54,997...					1	ea	54,997...	54,997.8
8472001013500	Acoustic C...	1	ea	18,332...	18,332...					1	ea	18,332...	18,332.6
8472001013500	Topograph...	1	ea	7,608.03	7,608.03					1	ea	7,608.03	7,608.0
8472001013500	Ground In...	1	ea	38,854...	38,854...					1	ea	38,854...	38,854.1
8472001013500	Contamin...	1	ea	3,666.52	3,666.52					1	ea	3,666.52	3,666.5
8472001013500	Dilapidati...	1	ea	3,666.52	3,666.52					1	ea	3,666.52	3,666.5

Estimated

3,993.96

Proposed

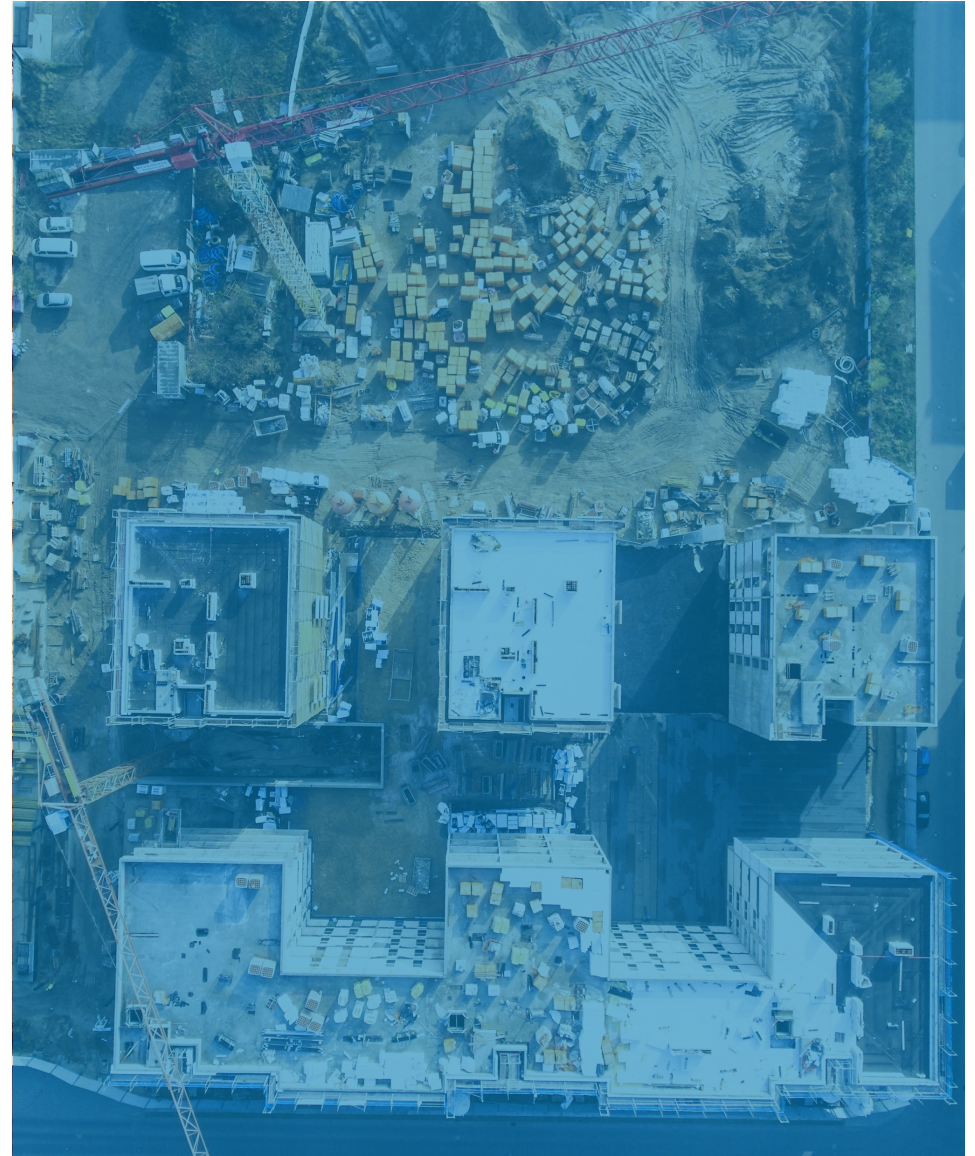
3,888.85

Subm

3,993.96

Recent Releases

- Expenses and Pay Applications
- **Supplier Owner Access**
- Custom Calculated Budget Columns
- Document Generation Improvements



Supplier Owner Access

WHAT IT IS

Owner and Supplier permission level for specific tabs within Cost Management to help teams streamline workflows and enhance collaboration.

WHY WE BUILT IT

- Previous workflow between suppliers and owners was disconnected and relied heavily on email
- Teams had limited to no visibility into the status of items

The screenshot displays the 'Cost Management' application interface. The top navigation bar includes 'BUDGET', 'CONTRACT', 'COST ITEM', 'PCO', and a green bar with '0-0002'. The main header is 'Project Admin' with sub-tabs: 'MEMBERS', 'COMPANIES', 'SERVICES', and 'PROFILE'. The 'SERVICES' tab is active, showing a 'Permission' sub-tab. A search bar 'Enter user, role or company' with an 'Add' button is present. Below is a table listing users and their permissions for various tabs.

Name	Type	1st Payment Application	Expense	Cost Item and PCO	RFQ	RCO	OCO
Cassie Bustos (Admin)	User	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control
Ian Turner (Admin)	User	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control
John Sanner (Admin)	User	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control
Mike Lavoie (Admin)	User	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control
Todd Alford (Admin)	User	Full Control	Full Control	Full Control	Full Control	Full Control	Full Control
Archie Architect	User	Access	View All	View All	View All	View All	View All
Office Supplies Inc	Company	Access	No Access	View All	View All	View All	View All

A dropdown menu is open for the 'Office Supplies Inc' row, showing options: 'No Access' (Can't access this tab), 'Collaborate' (View and edit limited attributes on items assigned to...), 'View All' (View all items - selected), and 'Full Control' (View and edit all attributes on all items).

At the bottom right, a summary table shows:

Markup formula Standard Markup has		
Estimated	Proposed	Submitted
3,993.96	3,888.85	3,993.96

Available Collaborative Workflows

Suppliers:

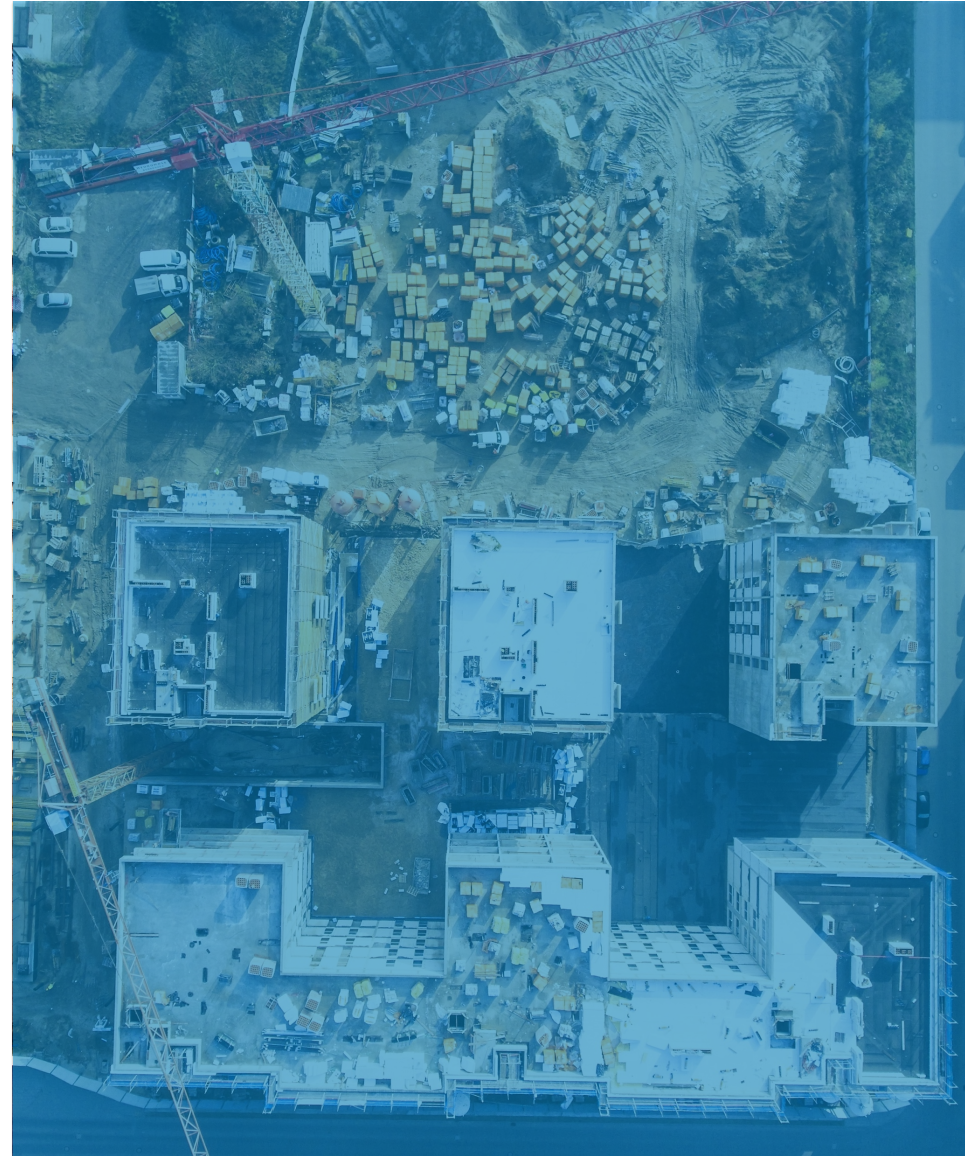
- Supplier Contract Exhibits/Attachments: Upload and download
- Supplier Schedule of Values: Provide Schedule of Values breakdown
- Request for Quotation (RFQ), Provide work breakdown and propose a price, Upload/download attachments
- Supplier (Cost) Payment Application: Fill in payment application and submit to the contractor, View previous applications, Generate payment application documents, Upload/download attachments

Owners:

- Request for Change Order (RCO) Accept or reject RCO, Download RCO documents, Upload/download attachments
- Owner Change Orders (OCO): Approve or reject OCO, Download OCO documents, Upload/download attachments
- Owner (Budget) Payment Application: Approve or reject payment application, View previous applications, Download payment application documents, Upload/download attachments

Recent Releases

- Expenses and Pay Applications
- Supplier and Owner Access
- **Custom Calculated Budget Columns**
- Document Generation Improvements



Custom Calculated Budget Columns

WHAT IT IS

Ability for users to customize their budget view by renaming and/or ordering columns or adding in new columns with custom calculations

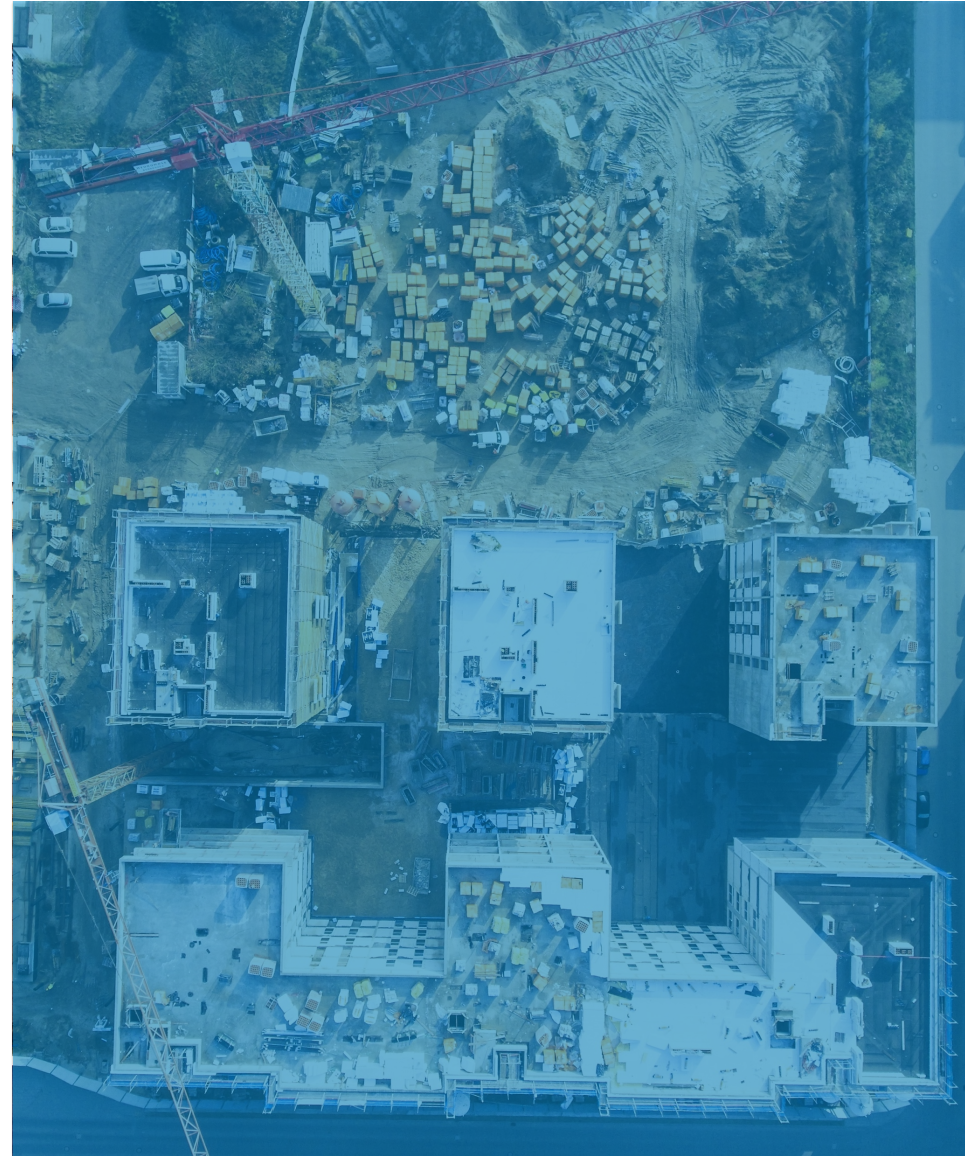
WHY WE BUILT IT

- Existing budget column naming and order may not be in line with company preferences
- Teams had to import budgets into excel to create custom calculations for reporting purposes such as owner and audit requirements
- Since calculations needed to be done in excel, there was no one, clear view of the budget

The screenshot shows the 'Cost Management' application interface. The top navigation bar includes 'BUDGET', 'CONTRACT', 'COST ITEM', 'PCO', and a project identifier '0-0002'. Below this, the 'Project Admin' section is visible with tabs for 'MEMBERS', 'COMPANIES', 'SERVICES', and 'PROFILE'. The main content area is titled 'Manage columns - Budget overview' and features a table with budget data. The table has columns for 'Original Budget', 'Internal Budget Transfer', 'Approved Owner Changes', 'Revised Budget', 'Pending Owner Changes', 'Projected Budget', 'Orig. Commitment', 'Approved Change Orders', 'Uncommitted Change Orders', and 'Pending Change Orders'. The 'Revised Budget' column is highlighted in blue. Below the table, there are 'Add new' and 'Duplicate' buttons. A 'Column Name' field is set to 'Revised Budget', and the 'Column Group' is 'Income'. The 'Position' is set to 1, and 'Visibility' is checked. A formula builder section allows users to drag and drop items to create a formula. The formula shown is: $\text{Original Budget} + \text{Internal Budget Transfer} + \text{Approved Owner Changes} = \text{Revised Budget}$. The values are 10,000, 1,000, and 200 respectively, resulting in a 'Revised Budget' of 11,200. At the bottom right, a 'Markup formula Standard Markup has' section shows 'Estimated' 3,993.96, 'Proposed' 3,888.85, and 'Subm' 3,993.96.

Recent Releases

- Expenses and Pay Applications
- Supplier Owner Access
- Custom Calculated Budget Columns
- **Document Generation Improvements**



Document Generation Improvements

WHAT IT IS

- Adds the functionality for users to collate multiple contract into one PDF 'package'
- Improvements to the functionality that reduces that time it takes to generate a document

The screenshot displays the Autodesk BIM 360 Cost Management interface. The top navigation bar includes 'Cost Management', 'BUDGET', 'CONTRACT', 'COST ITEM', 'PCO', and a project identifier '0-0002'. Below this, a sub-header shows 'AUTODESK BIM 360' and 'Project Imperium > Imperium Collaboration'. The main content area is titled 'Cost Management' and features tabs for 'Income', 'Expenditure', and 'Change Order'. The 'Expenditure' tab is active, showing a table of cost items with columns for 'Code', 'Name', 'Supplier', 'Type', 'Original Budget', and 'Internal Budget'. The table lists various items including 'Roof and Wall Cladding' (CLA01), 'Owner Contingency' (CT01), 'Fee' (CT02), 'Staff' (GC001), 'Glazing and Featu...' (GLA01), 'MEP' (MEP01), 'Substructure and ...' (SUB01), and 'Superstructure' (SUP02). A sidebar on the right, titled 'Roof and Wall Cladding', lists documents for generation: 'Document Package' (3 documents), 'Construction Documents List.pdf', 'Project Schedule.pdf', 'Health and Safety Program.pdf', and 'Submittal Review Process.pdf'. At the bottom, a summary table shows 'Estimated' (3,993.96), 'Proposed' (3,888.85), and 'Subm' (3,993.96).

Code	Name	Supplier	Type	Original Budget	Internal Budget
CLA01	Roof and Wall Cladding	We-do-walls	Subcontract	2,000,000.00	
CT01	Owner Contingency	Autodesk	Internal	100,000.00	
CT02	Fee	Autodesk	Internal	100,000.00	
GC001	Staff	Autodesk	Internal	300,000.00	
GLA01	Glazing and Featu...	Crystal Clear Glazi...	Subcontract	500,000.00	
MEP01	MEP	MEP Specialists	Subcontract	2,500,000.00	
SUB01	Substructure and ...	Substructure's r us	Subcontract	2,000,000.05	
SUP02	Superstructure	Frame me	Subcontract		

Estimated	Proposed	Subm
3,993.96	3,888.85	3,993.96

Cost Management

Income

Expenditure

Change Order

Commitments

Cost Payment Application

Expense






General

Code ^	Name	Supplier	Type	Original Budget	Internal Bu Trar	
				7,500,000.05		
CLA01	Roof and Wall Cla...	We-do-walls	Subcontract	2,000,000.00		
CT01	Owner Contingency	Autodesk	Internal	100,000.00		
CT02	Fee	Autodesk	Internal	100,000.00		
GC001	Staff	Autodesk	Internal	300,000.00		
GLA01	Glazing and Featu...	Crystal Clear Glazi...	Subcontract	500,000.00		
MEP01	MEP	MEP Specialists	Subcontract	2,500,000.00		
SUB01	Substructure and ...	Substructure's r us	Subcontract	2,000,000.05		
SUP02	Superstructure	Frame me	Subcontract			

Roof and Wall Cladding



Documents

 Document Package
0 documents Add Document Attachments
0 documents Add Document

Approval

Created By Ian Turner

Changed By Ian Turner

Purchased By Ian Turner

Signed By

Schedule of Values

Code	Name	Qty	Unit	Unit Cost	Amount
					2,013,000...

Cost Management

Income

Expenditure

Change Order

Commitments

Cost Payment Application

Expense



General

Code ^	Name	Supplier	Type	Original Budget	Internal Bu Trar	
				7,500,000.05		
CLA01	Roof and Wall Cla...	We-do-walls	Subcontract	2,000,000.00		
CT01	Owner Contingency	Autodesk	Internal	100,000.00		
CT02	Fee	Autodesk	Internal	100,000.00		
GCO01	Staff	Autodesk	Internal	300,000.00		
GLA01	Glazing and Featu...	Crystal Clear Glazi...	Subcontract	500,000.00		
MEP01	MEP	MEP Specialists	Subcontract	2,500,000.00		
SUB01	Substructure and ...	Substructure's r us	Subcontract	2,000,000.05		
SUP02	Superstructure	Frame me	Subcontract			

Roof and Wall Cladding



+ Add Document

Generate from document template

Upload from your computer

Select from Document Management

Approval

Created By Ian Turner

Changed By Ian Turner

Purchased By Ian Turner

Signed By

Schedule of Values

Code	Name	Qty	Unit	Unit Cost	Amount
					2,013,000...
v Orig. Comm...					2,000,000...
098710...	ROOFING	1	ls	1,000,000....	1,000,000...
098710...	WALL CLAD...	1	ls	1,000,000....	1,000,000...
v Change Ord...					13,000.00

Cost Management

Income Expenditure Change Order

Commitments Cost Payment Application Expense

Roof and Wall Cladding



General

Code ^	Name	Supplier
CLA01	Roof and Wall Cla...	We-do-walls
CT01	Owner Contingency	Autodesk
CT02	Fee	Autodesk
GC001	Staff	Autodesk
GLA01	Glazing and Featu...	Crystal Clear Glaz
MEP01	MEP	MEP Specialists
SUB01	Substructure and ...	Substructure's r U
SUP02	Superstructure	Frame me

Select a document

Project Files

Cost Management

Shared Contract Exhibits

Construction Documents List.pdf

Project Schedule.pdf

Health and Safety Program.pdf

Submittal Review Process.pdf

Cancel

Select

Changed By Ian Turner

Signed By

Schedule of Values

Code	Name	Qty	Unit	Unit Cost	Amount
					2,013,000...
	Orig. Comm...				2,000,000...
098710	ROOFING	1	Is	1,000,000	1,000,000

Cost Management

Income

Expenditure

Change Order

Commitments

Cost Payment Application

Expense




General

Code ^	Name	Supplier	Type	Original Budget	Internal Bu Trar	
				7,500,000.05		
CLA01	Roof and Wall Cla...	We-do-walls	Subcontract	2,000,000.00		
CT01	Owner Contingency	Autodesk	Internal	100,000.00		
CT02	Fee	Autodesk	Internal	100,000.00		
GC001	Staff	Autodesk	Internal	300,000.00		
GLA01	Glazing and Featu...	Crystal Clear Glazi...	Subcontract	500,000.00		
MEP01	MEP	MEP Specialists	Subcontract	2,500,000.00		
SUB01	Substructure and ...	Substructure's r us	Subcontract	2,000,000.05		
SUP02	Superstructure	Frame me	Subcontract			






Roof and Wall Cladding

 Document Package
4 documents Construction Documents List.pdf
Select from Document Management by Ian Turner | Oct 20, 2020 Project Schedule.pdf
Select from Document Management by Ian Turner | Oct 20, 2020 Health and Safety Program.pdf
Select from Document Management by Ian Turner | Oct 20, 2020 Submittal Review Process.pdf
Select from Document Management by Ian Turner | Oct 20, 2020

+ Add Document

 Attachments
0 documents

+ Add Document

-  Open
-  Download
-  Move to Attachment
-  Delete
-  Rename

v Approval

Cost Management

Income Expenditure Change Order

Commitments Cost Payment Application Expense



General

Code ^	Name	Supplier	Type	Original Budget	Internal Bu Trar
				7,500,000.05	
CLA01	Roof and Wall Cla...	We-do-walls	Subcontract	2,000,000.00	
CT01	Owner Contingency	Autodesk	Internal	100,000.00	
CT02	Fee	Autodesk	Internal	100,000.00	
GC001	Staff	Autodesk	Internal	300,000.00	
GLA01	Glazing and Featu...	Crystal Clear Glazi...	Subcontract	500,000.00	
MEP01	MEP	MEP Specialists	Subcontract	2,500,000.00	
SUB01	Substructure and ...	Substructure's r us	Subcontract	2,000,000.05	
SUP02	Superstructure	Frame me	Subcontract		

Roof and Wall Cladding



Document Package
3 documents

Construction Documents List.pdf
Select from Document Management by Ian Turner | Oct 20, 2020

Project Schedule.pdf
Select from Document Management by Ian Turner | Oct 20, 2020

Health and Safety Program.pdf
Select from Document Management by Ian Turner | Oct 20, 2020

+ Add Document

- Open
- Download
- Move to Document...
- Delete

Attachments
1 document

Submittal Review Process.pdf
Select from Document Management by Ian Turner | Oct 20, 2020

+ Add Document

Approval

Document Generation Key Points

- Cross xCO eg RFQ documents carried to RCO carried to OCO
- Supplier Pay apps and Expenses to Owner Pay App
- Contracts and Exhibits
- Single merged PDF (assuming files can be converted, zip if not possible)
- Document Package and Attachments areas
- Move files between the two
- Electronic signatures

Recent Releases

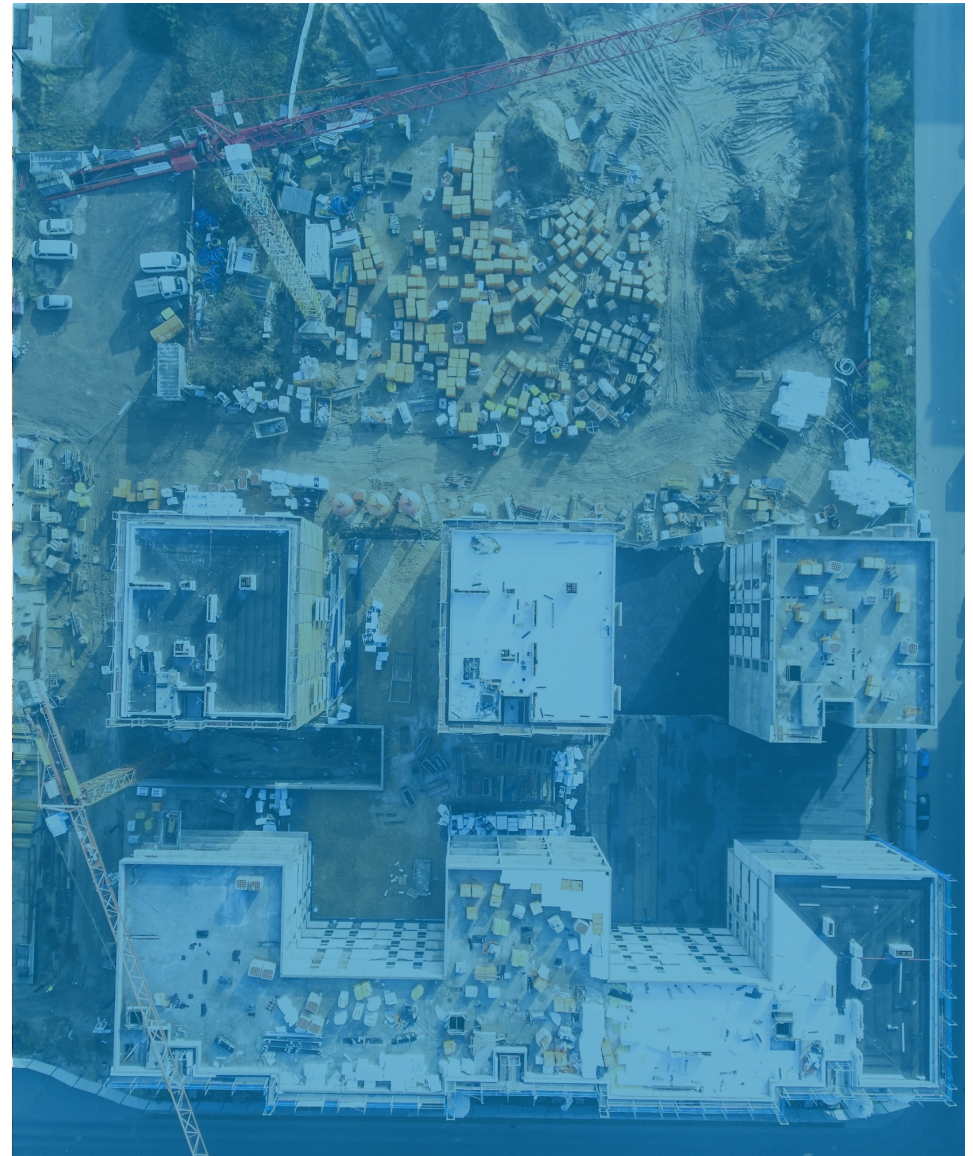
- Expenses and Pay Applications
- Supplier Owner Access
- Custom Calculated Budget Columns
- Document Generation Improvements

And much more.....

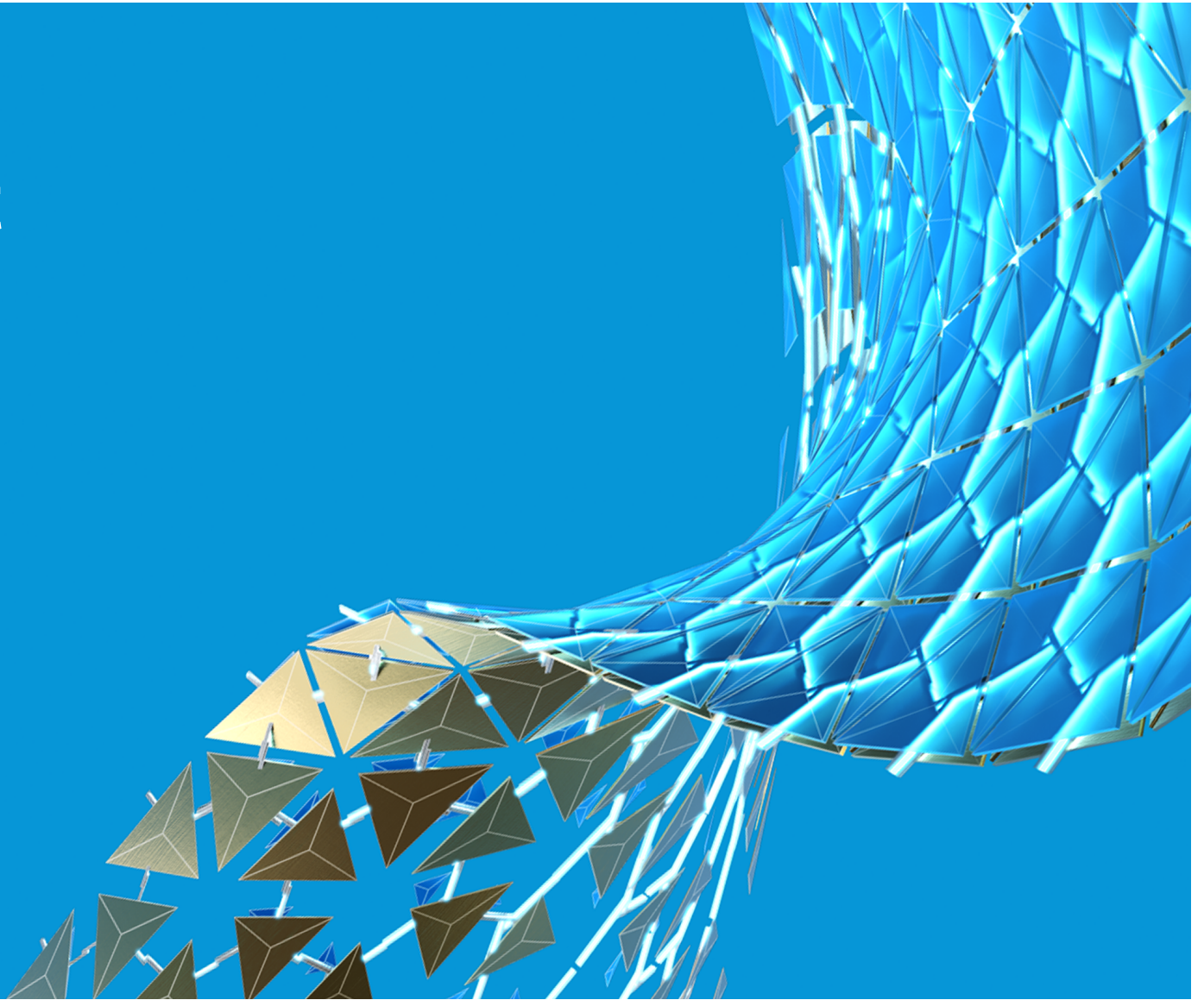
- Create PCOs from RFIs
- ACC Cloud Connect
- User Interface Customisation
- Document Storage
- In-module Activity History
- Reporting
- Electronic Signatures
- Usability Improvements

Full Details

<https://blogs.autodesk.com/bim360-release-notes/?s=cost>



What's Next



Upcoming Releases

- Workflow Engines
- Method Related Management Costs



Upcoming Releases

- **Workflow Engines**
- Method Related Management Costs



Workflow Engine Based Approvals

WHAT IT IS

Adding the ability to configure and add rule-based approval workflows for change orders, contracts and expenses to ensure processes have been met before cost documents are sent out or paid

WHY WE'RE BUILDING IT

- Some companies have strict approval processes which need to be followed
- Implementing a workflow engine in cost will also facilitate other features and use cases in the future

Cost Management BUDGET CONTRACT COST ITEM PCO 0-0002

Project Admin Members Companies **Services** Profile

Find

Num

0-00

CI

CI

CI

CI

MI

Configure internal review workflows - OCO

+ Add workflow

If Approved Value Is greater than 25,000 And OCO Type Equals Owner Directive [Edit condition](#)

Then Workflow: Manager approval [Edit workflow](#)

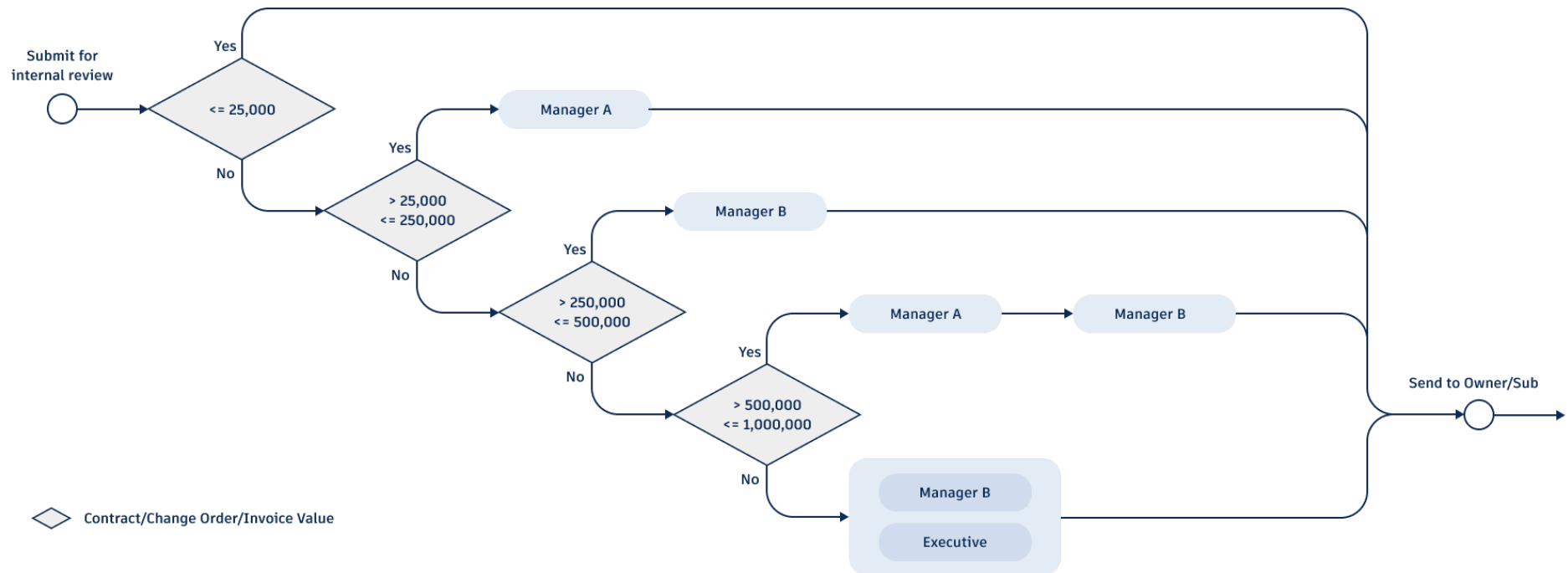
Else

Then No internal review

Markup formula Standard Markup has

Estimated	Proposed	Subm
3,993.96	3,888.85	3,993.96

Workflow Engine Based Approvals



Project Admin

Members

Companies

Services

Profile

Overview

Issues

Notifications

Locations

Document Management

Project Management

Cost Management

Design Collaboration

Model Coordination

Field Management

General

Income

Expenditure

Change Order

Permission

Activity

Internal Review Workflows

OCO

Configure

SCO

No review workflows

Project Admin

Members

Companies

Services

Profile

Configure internal review workflows - OCO

Cancel

Save

+ Add workflow

If [Edit condition](#)

Then [Add workflow](#)

Else

Then No internal review

Project Admin

Members

Companies

Services

Profile

Configure internal review workflows - OCO

Cancel

Save

+ Add workflow

If Approved Value Is greater than 25,000 And OCO Type Equals Owner Directive [Edit condition](#)

Then [Add workflow](#)

Else

Then No internal review

Edit condition



Approved Value



Is greater than



25,000



And



OCO Type



Equals



Owner Directive



Project Admin

Members

Companies

Services

Profile

Configure internal review workflows - OCO

Cancel

Save

+ Add workflow

If Approved Value Is greater than 25,000 And OCO Type Equals Owner Directive [Edit condition](#)

Then Workflow: Manager approval [Edit workflow](#)

Else

Then No internal review

Edit workflow

General info

Workflow name

Manager approval

Type

One step approval

Steps

Step name

Manager review

Approver

Manager

Action upon completion

Submit to owner contact

Project Admin

Members

Companies

Services

Profile

Overview

Issues

Notifications

Locations

Document Management

Project Management

Cost Management

Design Collaboration

Model Coordination

Field Management

General

Income

Expenditure

Change Order

Permission

Activity

Internal Review Workflows

OCO

If Approved Value Is greater than 25,000 And OCO Type Equals Owner Directive

Then Workflow: Manager approval

Else

Then No internal review

SCO

No review workflows

Cost Management

Income

Expenditure

Change Order

Cost Item

PCO

RFQ

RCO

OCO

SCO

<input type="checkbox"/>	Number	Name	Scope	Type	Approved	
<input type="checkbox"/>	▶ 0-0001	Additional Floor Openings as per...	⋮	Out	Owner Directive	33,000
<input type="checkbox"/>	01	Additional Floor Openings as per...	⋮	Out	Owner Directive	30,000
<input type="checkbox"/>	▶ Markups		⋮			3,000
<input type="checkbox"/>	▶ 0-0002	Flooring Change in Room 602	⋮	Out	Owner Change Order	10,000
<input type="checkbox"/>	▶ 0-0003	Budget Transfer	⋮	Out	Owner Change Order	0
<input type="checkbox"/>	▶ 0-0004	Conficting 1st floor layout	⋮	Out	Owner Change Order	3,800
<input type="checkbox"/>	▶ 0-0005	Replace Existing Storm Piping at...	⋮	Out	Owner Change Order	23,000
<input type="checkbox"/>	▶ 0-0006	Budget Transfer	⋮	Out	Owner Change Order	0



General Contractor
Project Manager

Additional Floor Openings as per RFI005



O-0002



Open

Submit for Internal Review

DETAILS

Number O-0002

Name Additional Floor Openings as per RFI005

Description

Main Contract Main Contract

Document Template Select...

Budget Status Accepted

Cost Status Open

Type Owner Directive

Cost Management

Income Expenditure **Change Order**

Cost Item PCO RFQ RCO **OCO** SCO

<input type="checkbox"/>	Number	Name	Scope	Type	Approved
<input type="checkbox"/>	▶ O-0001	Additional Floor Openings as per...	⋮	Out Owner Directive	33,000
<input type="checkbox"/>	01	Additional Floor Openings as per...	⋮	Out Owner Directive	30,000
<input type="checkbox"/>	▶ Markups		⋮		3,000
<input type="checkbox"/>	▶ O-0002	Flooring Change in Room 602	⋮	Out Owner Change Order	10,000
<input type="checkbox"/>	▶ O-0003	Budget Transfer	⋮	Out Owner Change Order	0
<input type="checkbox"/>	▶ O-0004	Conficting 1st floor layout	⋮	Out Owner Change Order	3,800
<input type="checkbox"/>	▶ O-0005	Replace Existing Storm Piping at...	⋮	Out Owner Change Order	23,000
<input type="checkbox"/>	▶ O-0006	Budget Transfer	⋮	Out Owner Change Order	0



General Contractor
Project Executive

Additional Floor Openings as per RFI005



O-0002



FL

Pending Internal Review

Reopen

Reject

Submit for Owner Review

DETAILS

Number O-0002

Name Additional Floor Openings as per RFI005

Description

Main Contract Main Contract

Document Template Select...

Budget Status Accepted

Cost Status Open

Type Owner Directive

Cost Management

Income

Change Order

RCO

OCO

<input type="checkbox"/>	Number	Name		Scope	Type	Approved
<input type="checkbox"/>	▶ 0-0001	Additional Floor Openings as per...	⋮	Out	Owner Directive	33,000
<input type="checkbox"/>	01	Additional Floor Openings as per...	⋮	Out	Owner Directive	30,000
<input type="checkbox"/>	▶ Markups		⋮			3,000
<input type="checkbox"/>	▶ 0-0002	Flooring Change in Room 602	⋮	Out	Owner Change Order	10,000
<input type="checkbox"/>	▶ 0-0003	Budget Transfer	⋮	Out	Owner Change Order	0
<input type="checkbox"/>	▶ 0-0004	Conficting 1st floor layout	⋮	Out	Owner Change Order	3,800
<input type="checkbox"/>	▶ 0-0005	Replace Existing Storm Piping at...	⋮	Out	Owner Change Order	23,000
<input type="checkbox"/>	▶ 0-0006	Budget Transfer	⋮	Out	Owner Change Order	0



Owner

Additional Floor Openings as per RFI005



O-0002



CR

Submitted

Respond

DETAILS

Number O-0002

Name Additional Floor Openings as per RFI005

Description

Main Contract Main Contract

Document Template Select...

Budget Status Accepted

Cost Status Open

Type Owner Directive

Cost Management

Income Expenditure **Change Order**

Cost Item PCO RFQ RCO **OCO** SCO

<input type="checkbox"/>	Number	Name	Scope	Type	Approved
<input type="checkbox"/>	▶ O-0001	Additional Floor Openings as per...	⋮	Out	Owner Directive 33,000
<input type="checkbox"/>	01	Additional Floor Openings as per...	⋮	Out	Owner Directive 30,000
<input type="checkbox"/>	▶ Markups		⋮		3,000
<input type="checkbox"/>	▶ O-0002	Flooring Change in Room 602	⋮	Out	Owner Change Order 10,000
<input type="checkbox"/>	▶ O-0003	Budget Transfer	⋮	Out	Owner Change Order 0
<input type="checkbox"/>	▶ O-0004	Conficting 1st floor layout	⋮	Out	Owner Change Order 3,800
<input type="checkbox"/>	▶ O-0005	Replace Existing Storm Piping at...	⋮	Out	Owner Change Order 23,000
<input type="checkbox"/>	▶ O-0006	Budget Transfer	⋮	Out	Owner Change Order 0



General Contractor
Project Manager

Additional Floor Openings as per RFI005

O-0002



Approved

Revert to Submitted

Generate ▾

Set as Executed

DETAILS

Number O-0002

Name Additional Floor Openings as per RFI005

Description

Main Contract Main Contract

Document Template Select... ▾

Budget Status Accepted ▾

Cost Status Open ▾

Type Owner Directive ▾

Cost Management

Income

Expenditure

Change Order

Cost Item

PCO

RFQ

RCO

OCO

SCO

<input type="checkbox"/>	Number	Name		Scope	Type	Approved
<input type="checkbox"/>	▶ 0-0001	Additional Floor Openings as per...	⋮	Out	Owner Directive	33,000
<input type="checkbox"/>	01	Additional Floor Openings as per...	⋮	Out	Owner Directive	30,000
<input type="checkbox"/>	▶ Markups		⋮			3,000
<input type="checkbox"/>	▶ 0-0002	Flooring Change in Room 602	⋮	Out	Owner Change Order	10,000
<input type="checkbox"/>	▶ 0-0003	Budget Transfer	⋮	Out	Owner Change Order	0
<input type="checkbox"/>	▶ 0-0004	Conficting 1st floor layout	⋮	Out	Owner Change Order	3,800
<input type="checkbox"/>	▶ 0-0005	Replace Existing Storm Piping at...	⋮	Out	Owner Change Order	23,000
<input type="checkbox"/>	▶ 0-0006	Budget Transfer	⋮	Out	Owner Change Order	0



General Contractor
Project Manager

Additional Floor Openings as per RFI005



O-0002



Executed

Revert to Submitted

Generate

DETAILS

Number O-0002

Name Additional Floor Openings as per RFI005

Description

Main Contract Main Contract

Document Template Select...

Budget Status Accepted

Cost Status Open

Type Owner Directive

Upcoming Releases

- Workflow Engines
- **Method Related Management Costs**



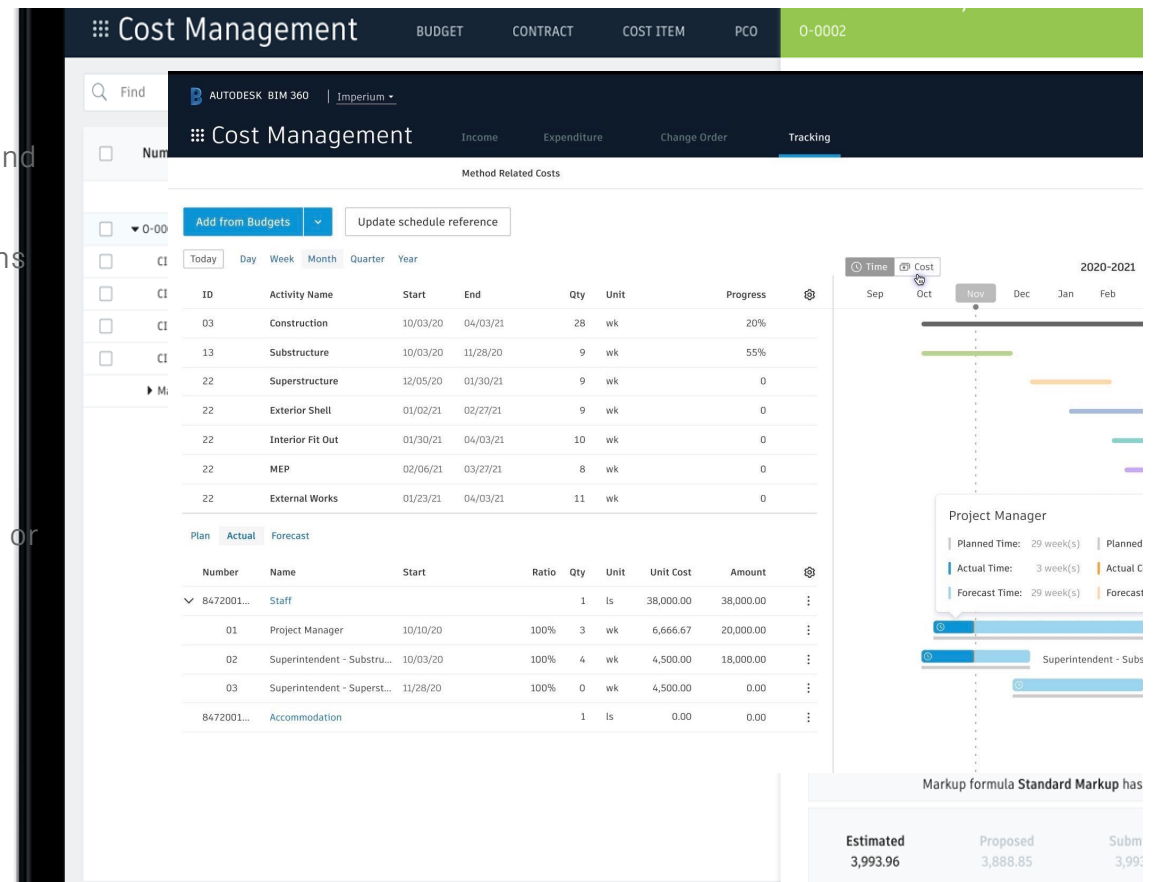
Method Related Management Costs

WHAT IT IS

Adding the ability for users to plan, track actual and adjust forecast for method related management costs, sometimes referred to as General Conditions or preliminaries, in a visual way

WHY WE'RE BUILDING IT

These types of costs can be circa 10% of a project cost and could be the difference between winning or losing a bid or under pricing so it's important to have a solid process for dealing with them



Cost Management

Income

Expenditure

Change Order

Budget

Main Contract

Budget Payment Application



Add

Download Template

Import

Export



	Budget Code	Cost Type	Budget Name	Qty	Unit	Unit Cost	Amount	Internal Budget Transfer	Forecast Adjustments	Main Contract	Linked to Main Contract SOV	Supplier Contract	
							102,454,636.94	0.00	586,000.00				
<input type="checkbox"/>	000-000000.0	FEE	Stuff	1	ls	0.00	0.00		0.00	Main Contract	Yes	new contract	
<input type="checkbox"/>	000-000000.1	GEN	Budget 1		nr	1,000.00	1,000.00		0.00	Main Contract 2	No	Contract 1	
<input type="checkbox"/>	000-007200.1	GEN	Office Suppl		ea	0.00	0.00		0.00	Main Contract	No	Site Clearance	
<input type="checkbox"/>	001-000000.0	INT	Buyout Savi		ea	0.00	0.00		0.00	Main Contract	No	Temporary Electri...	
<input type="checkbox"/>	001-012100.1	FEE	Fees/Legal/		ls	193,633.00	193,633.00	(15,000.00)		Main Contract	Yes	Fees/Legal/Insura...	
<input type="checkbox"/>	001-012100.2	FEE	Solicitors Fe		ls	183,326.00	183,326.00	14,900.00		Main Contract	Yes	Solicitors Fees	
<input type="checkbox"/>	001-012100.3	FEE	Bill Prepara		ls	73,330.40	73,330.40	5,000.00		Main Contract	Yes	Bill Preparation	
<input type="checkbox"/>	001-012100.4	FEE	Testing and		ls	18,332.60	18,332.60			Main Contract	Yes	Testing and QA	
<input type="checkbox"/>	001-012900.0	INT	Risk Contingency	1	ls	4,015,40...	4,015,409.54	18,133.11		Main Contract	Yes	Risk Contingency	
<input type="checkbox"/>	001-012900.1	INT	OH&P	1	ls	3,686,22...	3,686,227.55			Main Contract	Yes	OH&P	
<input type="checkbox"/>	001-013000.0	GEN	Printing	1	ls	86,529.87	86,529.87			Main Contract	Yes	Printing	
<input type="checkbox"/>	001-013100.0	INT	Site Management Staff	1	ls	5,590,41...	5,590,416.40		0.00	Main Contract	Yes	Site Management ...	
<input type="checkbox"/>	001-013100.1	INT	Post Construction Staff	1	ls	159,671.45	159,671.45		60,000.00	Main Contract	Yes	Post Construction...	
<input type="checkbox"/>	001-013500.0	FEE	Architects	1	ls	3,060,71...	3,060,719.23	(100,000.00)	525,000.00	Main Contract	Yes	Architects	
<input type="checkbox"/>	001-013500.1	FEE	Consulting Engineers	1	ls	3,164,93...	3,164,936.40	100,000.00		Main Contract	Yes	Consulting Engine...	
<input type="checkbox"/>	001-013500.2	FEE	Temporary Works Design	1	ls	137,494.50	137,494.50			Main Contract	Yes	Temporary Works ...	
<input type="checkbox"/>	001-013500.3	FEE	Ordnance Engineer	1	ls	54,997.80	54,997.80			Main Contract	Yes	Ordnance Engineer	
<input type="checkbox"/>	001-013500.4	FEE	Acoustic Consultant Survey	1	ls	18,332.60	18,332.60			Main Contract	Yes	Acoustic Consulta...	
<input type="checkbox"/>	001-013500.5	FEE	Topographical Survey	1	ls	7,608.03	7,608.03			Main Contract	Yes	Topographical Sur...	
<input type="checkbox"/>	001-013500.6	FEE	Ground Investigation	1	ls	38,854.11	38,854.11			Main Contract	Yes	Ground Investigat...	

- + Add subitem
- + Method Related Costs Planning
- ✎ Forecast Adjustments
- ↕ Budget Transfer
- ↕ Change Order Transfer
- 🗑 Delete

Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets



Add from Budgets

Add item

Add schedule reference



Time

Cost

2020-2021



Start

End

Ratio

Qty

Unit

Unit Cost

Amount



Sep

Oct

Nov

Dec

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug



No data

Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Plan Actual Forecast

Time Cost

2020-2021

Number Name Start End Ratio Qty Unit Unit Cost Amount Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug

Add from Budgets

Staff X

Accommodation X

CSI: 00.0.F

CSI: 00.0.G

CSI: 00.0.G

☒ 001007200.0.GEN - Staff

☒ 001015000.0.GEN - Accommodation

☐ 001015600.0.GEN - Hoarding and Signage

☐ 001101400.0.GEN - Signage

CSI: 00.0.I

Grouped by CSI. [Edit](#)

[Clear](#)

Add



No data

Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Plan Actual Forecast

Add from Schedule

Add schedule item

Number	Name	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff		1	ls	0.00	0.00	
8472001...	Accommodation		1	ls	0.00	0.00	

Time

Sep

Staff



> Details

Budget Code 8472001007200.0.GEN

Actual Costs

Add line item

Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Plan Actual Forecast

Time Cost

2020-2021

Number	Name	Start	End	Ratio	Qty	Unit	Unit Cost	Amount		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
8472001...	Staff																				
8472001...	Accommodation																				

Add schedule reference

Project overall schedule

Filter



Milestones



Critical

Cancel

Add



No data

Cost Management

Income Expenditure Change Order **Tracking**

Method Related Costs

Add from Budgets Add schedule reference

Today Day Week **Month** Quarter Year

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	0	
13	Substructure	10/03/20	11/28/20	9	wk	0	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	

Plan Actual Forecast

Number	Name	Start	End	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff				1	ls	0.00	0.00	
8472001...	Accommodation				1	ls	0.0		

+ Add subitem

Time Cost 2020-2021 Sep Oct **Nov** Dec Jan Feb Mar Apr May Jun Jul Aug



Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets



Add schedule reference



Today Day Week Month Quarter Year

Time Cost

2020-2021

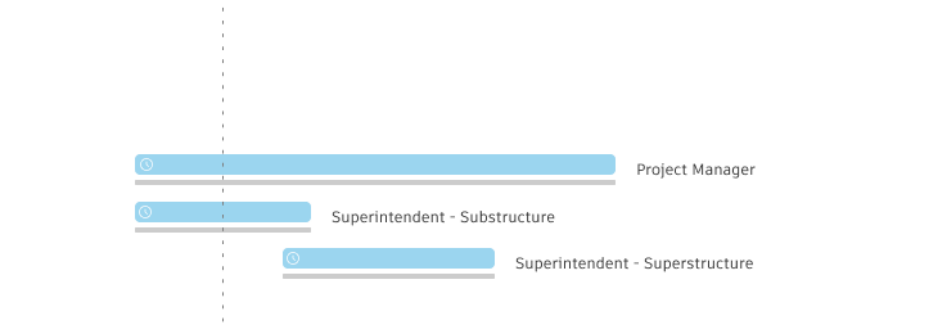
+ -

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	0	
13	Substructure	10/03/20	11/28/20	9	wk	0	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	



Plan Actual Forecast

Number	Name	Start	End	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff				1	ls	253,000.00	253,000.00	
01	Project Manager	10/03/20	04/03/21	100%	29	wk	5,000.00	145,000.00	
02	Superintendent - Substru...	10/03/20	12/03/21	100%	11	wk	4,500.00	49,500.00	
03	Superintendent - Superst...	11/28/20	02/20/21	100%	13	wk	4,500.00	58,500.00	
8472001...	Accommodation				1	ls	0.00	0.00	



Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Today Day Week Month Quarter Year

Time Cost

2020-2021

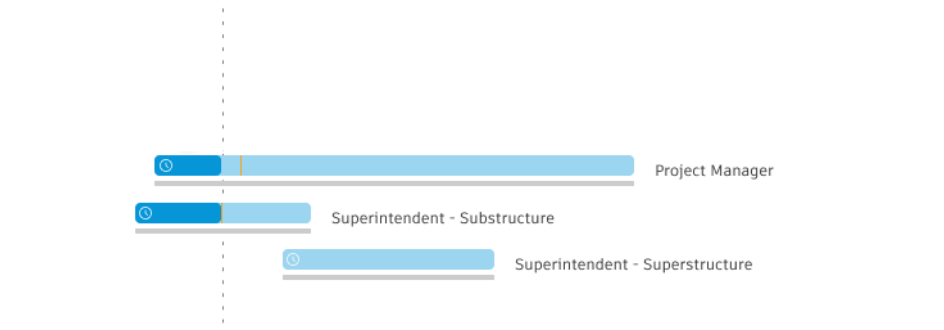
Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	20%	
13	Substructure	10/03/20	11/28/20	9	wk	55%	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	



Plan Actual Forecast

Number	Name	Start	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff			1	ls	38,000.00	38,000.00	
01	Project Manager	10/10/20	100%	3	wk	6,666.67	20,000.00	
02	Superintendent - Substru...	10/03/20	100%	4	wk	4,500.00	18,000.00	
03	Superintendent - Superst...	11/28/20	100%	0	wk	4,500.00	0.00	
8472001...	Accommodation			1	ls	0.00	0.00	



Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Today Day Week Month Quarter Year

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	20%	
13	Substructure	10/03/20	11/28/20	9	wk	55%	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	

Plan Actual Forecast

Number	Name	Start	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff			1	ls	38,000.00	38,000.00	
01	Project Manager	10/10/20	100%	3	wk	6,666.67	20,000.00	
02	Superintendent - Substru...	10/03/20	100%	4	wk	4,500.00	18,000.00	
03	Superintendent - Superst...	11/28/20	100%	0	wk	4,500.00	0.00	
8472001...	Accommodation			1	ls	0.00	0.00	

Time

Cost

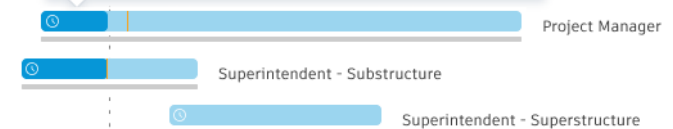
2020-2021

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug



Project Manager

Planned Time:	29 week(s)	Planned Cost:	145,000.00
Actual Time:	3 week(s)	Actual Cost:	20,000.00
Forecast Time:	29 week(s)	Forecast Cost:	145,000.00



Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Today Day Week Month Quarter Year

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	20%	
13	Substructure	10/03/20	11/28/20	9	wk	55%	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	

Plan Actual Forecast

Number	Name	Start	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff			1	ls	38,000.00	38,000.00	
01	Project Manager	10/10/20	100%	3	wk	6,666.67	20,000.00	
02	Superintendent - Substru...	10/03/20	100%	4	wk	4,500.00	18,000.00	
03	Superintendent - Superst...	11/28/20	100%	0	wk	4,500.00	0.00	
8472001...	Accommodation			1	ls	0.00	0.00	

Time Cost

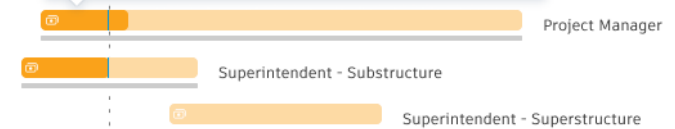
2020-2021

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug



Project Manager

Planned Time:	29 week(s)	Planned Cost:	145,000.00
Actual Time:	3 week(s)	Actual Cost:	20,000.00
Forecast Time:	29 week(s)	Forecast Cost:	145,000.00



Cost Management

Income

Expenditure

Change Order

Tracking

Method Related Costs

Add from Budgets

Add schedule reference

Today Day Week Month Quarter Year

Time Cost

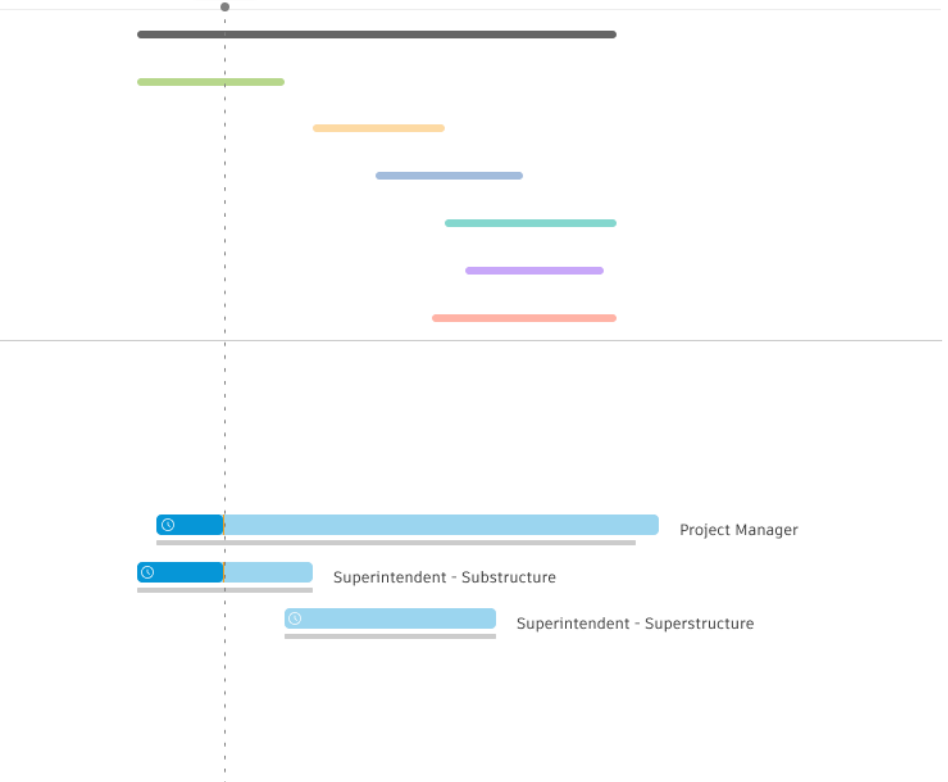
2020-2021

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug

ID	Activity Name	Start	End	Qty	Unit	Progress	
03	Construction	10/03/20	04/03/21	28	wk	20%	
13	Substructure	10/03/20	11/28/20	9	wk	55%	
22	Superstructure	12/05/20	01/30/21	9	wk	0	
22	Exterior Shell	01/02/21	02/27/21	9	wk	0	
22	Interior Fit Out	01/30/21	04/03/21	10	wk	0	
22	MEP	02/06/21	03/27/21	8	wk	0	
22	External Works	01/23/21	04/03/21	11	wk	0	

Plan Actual Forecast

Number	Name	Start	End	Ratio	Qty	Unit	Unit Cost	Amount	
8472001...	Staff				1	ls	263,000.00	263,000.00	
01	Project Manager	10/10/20	04/17/21	100%	31	wk	5,000.00	155,000.00	
02	Superintendent - Substru...	10/03/20	12/03/21	100%	11	wk	4,500.00	49,500.00	
03	Superintendent - Superst...	11/28/20	02/20/21	100%	13	wk	4,500.00	58,500.00	
8472001...	Accommodation				1	ls	0.00	0.00	



Cost Management

Income

Expenditure

Change Order

Budget

Main Contract

Budget Payment Application

Staff



FORECAST ADJUSTMENTS

Last Modified: Sep 11, 2020

Description	Qty	Unit	Unit Cost	Total
				10,000.00
Project Manager	2	wk	5,000.00	10,000.00



CUSTOM ATTRIBUTES



ATTACHMENTS



Drag and drop files here
or [browse](#)



[Select files from Document Management](#)

NOTES

COMMENTS



General				Income	Expenditure	
Code ^	Name	Supplier	Type	Original Budget	Orig. Commitment	Actual Cost
				102,454,636.94	101,417,238.95	6,200.00
1011	Site Management Staff	Imperium	Subcontract	5,390,428.40	5,390,428.37	
1012	Staff		General Conditions	159,671.45	253,000.00	38,000.00
1100	Contract 1	Demco L.	Self Perform	1,000.00	1,000.00	
1111	Accommodation		General Conditions	21,449.14	21,449.14	
1112	Site Accommodation	WCP&P	Internal	475,622.72	947,245.44	
1114	Enabling Wkt/Tagging Accom...	Imperium	Internal	34,051.00	21,000.00	
1115	Client Team Accommodation	Imperium	Internal	24,092.00	21,000.00	
1116	Offsite Accommodation costs	Peter's Pa...	Internal	54,997.80	54,997.80	
1121	Hoarding and Signage	Offhaus	Internal	11,894.18	11,894.18	
1122	Site Hoarding	Offhaus	Internal	85,413.42	85,413.42	
1123	Signage	Imperium	Subcontract	12,358.17	12,358.17	
1141	Temporary Electric		Subcontract	112,618.90	112,618.90	
1142	Feed Piler to meters	Wellcome...	Subcontract	2,133.91	2,133.91	
1143	Low Voltage Network Connection...		Subcontract	6,357.75	6,357.75	
1144	Temporary Site Electric		Subcontract	105,463.71	105,463.71	
1151	Temporary Plumbing		Subcontract	19,707.00	19,707.00	
1152	Water Connection		Subcontract	9,346.30	9,346.30	
1191	Site Security		Internal	20,624.18	20,624.18	
1192	Site Security Service		Internal	544,552.47	544,552.47	

Cost Management

Income

Expenditure

Change Order

Budget

Main Contract

Budget Payment Application

Export



General				Income	Expenditure		Forecast			Variance		
Code ^	Name	Supplier	Type	Original Budget	Orig. Commitment	Actual Cost	Forecast Adjustments	Forecast Cost to	Forecast Final Cost	Variance	Forecast Variance	Con
				102,454,636.94	101,417,238.95	6,200.00	586,000.00	102,096,723....	102,102,923.95	1,049,932.49	463,932.49	
1011	Site Management Staff	Imperium	Subcontract	5,395,428.45	5,395,428.37		0.00	5,395,428.37	5,395,428.37	0.00	0.00	
1012	Staff		General Conditions	159,671.45	253,000.00	38,000.00	10,000.00	225,000.00	263,000.00	(93,328.55)	(103,328.55)	
1100	Contract 1	Demco S.L.	Self Perform	1,000.00	1,000.00		0.00	1,000.00	1,000.00	0.00	0.00	
1111	Accommodation		General Conditions	21,449.14	21,449.14		0.00	21,449.14	21,449.14	0.00	0.00	
1112	Site Accommodation	WSPWSP	Internal	947,245.44	947,245.44			947,245.44	947,245.44	(475,622.72)	(475,622.72)	
1114	Enabling Wkg/Tagging Accom...	Imperium	Internal	25,000.00	25,000.00			25,000.00	25,000.00	0.00	0.00	
1115	Client Team Accommodation	Imperium	Internal	25,000.00	25,000.00			25,000.00	25,000.00	0.00	0.00	
1116	Offsite Accommodation costs	Peter's Pa...	Internal	54,997.80	54,997.80			54,997.80	54,997.80	0.00	0.00	
1121	Hoarding and Signage	Offhaus	Internal	11,894.19	11,894.19			11,894.19	11,894.19	0.00	0.00	
1122	Site Hoarding	Offhaus	Internal	85,415.42	85,415.42			85,415.42	85,415.42	0.00	0.00	
1123	Signage	Imperium	Subcontract	22,356.17	22,356.17			22,356.17	22,356.17	1,056.00	1,056.00	
1141	Temporary Electric		Subcontract	115,418.90	115,418.90			115,418.90	115,418.90	1,000.00	1,000.00	
1142	Feed Pillar to meters	Wellcome...	Subcontract	2,133.91	2,133.91			2,133.91	2,133.91	0.00	0.00	
1143	Low Voltage Network Connection...		Subcontract	6,357.75	6,357.75			6,357.75	6,357.75	0.00	0.00	
1144	Temporary Site Electric		Subcontract	325,463.71	325,463.71			325,463.71	325,463.71	0.00	0.00	
1151	Temporary Plumbing		Subcontract	19,707.35	19,707.35			19,707.35	19,707.35	0.00	0.00	
1152	Water Connection		Subcontract	9,246.30	9,246.30			9,246.30	9,246.30	0.00	0.00	
1191	Site Security		Internal	20,624.18	20,624.18			20,624.18	20,624.18	0.00	0.00	
1192	Site Security Service		Internal	564,552.42	564,552.42			564,552.42	564,552.42	0.00	0.00	

Recap

RECENT RELEASES

- Expenses and Pay Applications
- Supplier and Owner Access
- Custom Calculated Budget Columns
- Document Generation Improvements

UPCOMING RELEASES

- Workflow Engine Based Approvals
- Method Related Management Costs

And.....

- RFQ to Many
- Budget to Multiple Contracts



How do we mitigate financial risk?



SINGLE VIEW OF PROJECT
COSTS



OPTIMIZE
COMMUNICATION & PROCESS



FORECAST ACCURATELY
(AND EARLY)



BIM 360 Cost Management Product Briefing - CS467258

Thanks for watching!

Ian Turner

Sr. Product Manager

Esteban Corrales

Manager, Technical Sales Specialists