

# Concept Designs

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- Importing Price Data
- Pull in Prices using Filter
- Analysis Widget
- Table Analysis
- Brainstorming

[Invision Link](#)

## Importing Price Data

### 1. Select to Import a Price file or Pull from the Repository

The screenshot shows a section titled "Price Comparison". It contains a brief description: "Upload part cost information and compare prices with publicly provided prices. Understand the purchase price variance and quickly review parts with the largest variance and the greatest potential for cost reduction." Below the description are two buttons: "Import New Prices" (in a blue button) and "Import from Repository" (in a white button with a blue border).

### 2. Select the type of Price being imported

The screenshot shows a "Import Prices" dialog box. It has a note: "Please choose a price type that you would like to import." Below it is a "Price Type" section with a required asterisk: "EMS Quote" (radio button selected), "Quote" (radio button), "Contract" (radio button), and "Standard" (radio button). At the bottom are "Cancel" and "Next" buttons.

### 3. Select the file and specify additional information

The screenshot shows a "Import Prices" dialog box. It includes an "Upload Price File" button, "Prices for" field (IPN), "Supplier" field (Enter a supplier), "Date" field (Today), and a "Quantity" field (1,000). At the bottom are "Back", "Cancel", and "Import" buttons.

## Pull in Prices using Filter

## Analysis Widget

## Price Comparison

Quantity: 1,000

[View Items](#)

+ Upload new pricing



Baseline: EMS2 ▾



## Table Analysis

### 1. Visualize matrix analysis

FILTER BY 3 selected NUMBER OF ITEMS 75

TOTAL		\$273.30	\$260.07	\$285.14	\$177.98	\$293.11	\$233.10	\$40.20	
ITEM	ITEM DESCRIPTION	QTY	EMS2	EMS1	EMS3	CONTRACT	PUBLIC	BEST	DELTA
972-39482	SKT 240-PIN DDR2 VERTICAL	1	\$2.30	\$2.35	\$1.20	-	\$2.46	\$1.20	\$1.50
456-483772	Hdwr, Screw, Pan Hd, Phil, M3 x 6mm, Stl...	10	\$2.25	\$1.00	\$1.15	-	\$2.31	\$1.00	\$1.25
460-517078	Cap, 0603, 100pF, NP0, 10%, 50V, Cer	15	\$2.20	\$1.94	\$1.20	-	\$2.29	\$1.20	\$1.00
175-714995	Res, 0603, 100 Ohm, 1%, 0.1W	15	\$1.95	\$1.70	\$1.99	-	\$2.01	\$1.70	\$0.25
757-55375	EOL, IC, EEPROM, I2C, 256x8	5	\$2.55	\$2.54	\$2.30	-	\$2.55	\$2.30	\$0.25
690-795831	OEM, ESD Wrist strap w_cable	1	\$1.10	\$1.15	\$1.22	-	\$1.89	\$1.10	\$0.12
757-317549	Hdwr, Screw, Pan Hd, Phil, M3 x 6mm, Stl...	10	\$0.21	\$0.11	\$0.11	\$0.10	\$0.12	\$0.11	\$0.11
95-710139	Cap, 0603, 100pF, NP0, 10%, 50V, Cer	10	\$0.43	\$0.36	\$0.44	-	-	\$0.36	\$0.07
675-700791	Res, 0603, 100 Ohm, 1%, 0.1W	12	\$0.15	\$0.10	\$0.11	-	\$0.10	\$0.05	\$0.05
449-54265	IC, uC, R5H30211, 16-bit MCU Security...	3	\$1.20	\$1.20	\$1.20	\$1.16	-	\$0.10	\$0.04
142-208245	EOL, IC, EEPROM, I2C, 256x8	8	\$1.47	\$1.61	\$1.49	-	\$1.91	\$1.47	\$0.00
746-132201	Diode, Schotky, 7V, 100mA, 1pF, MMBD1...	4	\$0.82	\$0.82	\$0.10	\$0.10	\$0.10	\$0.10	\$0.00

### 2. Understand the breakdown for each source

FILTER BY 3 selected NUMBER OF ITEMS 75

TOTAL		\$273.30	\$260.07	\$285.14	\$177.98	\$293.11	\$233.10	\$40.20	
ITEM	ITEM DESCRIPTION	QTY	EMS2	EMS1	EMS3	CONTRACT	PUBLIC	BEST	DELTA
972-39482	OEM, ESD Wrist strap w_cable	1	\$1.80	\$1.25	\$0.00	-	-	-	-
456-483772	Hdwr, Screw, Pan Hd, Phil, M3 x 6mm, Stl...	10	\$0.55	\$0.25	\$0.20	-	-	-	-
460-517078	Cap, 0603, 100pF, NP0, 10%, 50V, Cer	15	\$0.95	\$0.55	\$0.00	-	-	-	-
175-714995	Res, 0603, 100 Ohm, 1%, 0.1W	15	\$1.01	\$0.70	\$0.25	-	-	-	-
757-55375	EOL, IC, EEPROM, I2C, 256x8	5	\$1.11	\$0.90	\$0.10	-	-	-	-

Total Cost: \$61.48 total for best priced items (12%)

45% best priced items (15 Items)  
55% not better priced items (30 Items)  
0 Items missing prices (0 Items)  
75 items in this BOM

### 3. Flags highlight additional levels of information

S273.30 S260.07 S285.14 S177.98				
QTY	JABIL	FLEX	CELESTICA	CONTRACT
1	\$1.25	\$1.50	\$1.75	-
6mm, Stl...	10	\$0.45	\$0.25	\$0.35
V, Cer	15	DATE: 10/01/2015 QTY: 3,000 PRICE: \$0.35	\$0.65	-
	15	06/01/2015 10,000+	\$0.25	\$0.99
	5	03/01/2015 1,000	\$0.44	\$0.90
	1	*Quantity exceeds this project's volume. May not be applicable.	\$1.22	-
6mm, Stl...	10	\$0.11	\$0.11	\$0.10

## Brainstorming

## Base Comparison

Should we only show  
leaf items?  
or subsections?  
No AML?

Dimensions  
Safety Measures  
Quality Measures  
Financial Measures

- Comparison List
  - Sort by biggest opp
  - Compared to one baseline

Define Export option to include Pcs to exclude Area Home & Hotel Home & Areas Pcs

Keep price picking logic

Use filters for selecting part optim price

- Recent? :  
do we want separate filter options  
for picking price picking

Analise - Compare Jalil<sup>To</sup>, Celestino, Flora, PAN Outrads + Public (con compare measures)

- Compute Seven Measures, ... , ...
  - Highlight best and give me Best, Variance, + Column total
  - Sort by biggest opportunity
  - calculate lowest, avg, Highest, current, Project
  - Show me history
  - Show me details
  - Flag things to look at

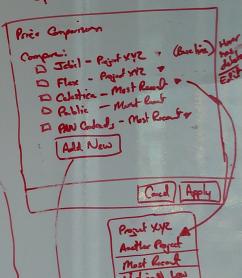
	Job#1	Public	Best
.65	1.25	.85	↓
		.105	.05
		—	—

## Rules for public

Default  
most recent for project  
cfg if lower exists

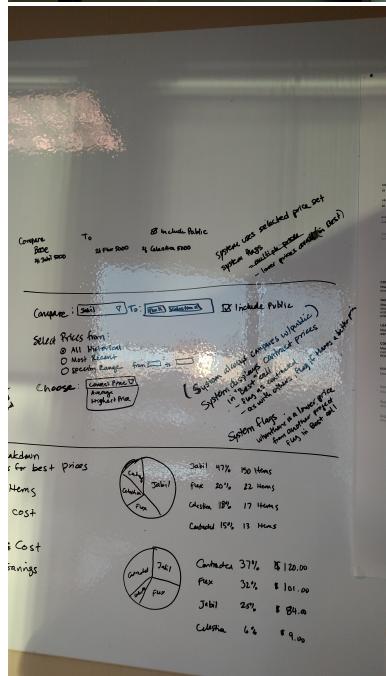
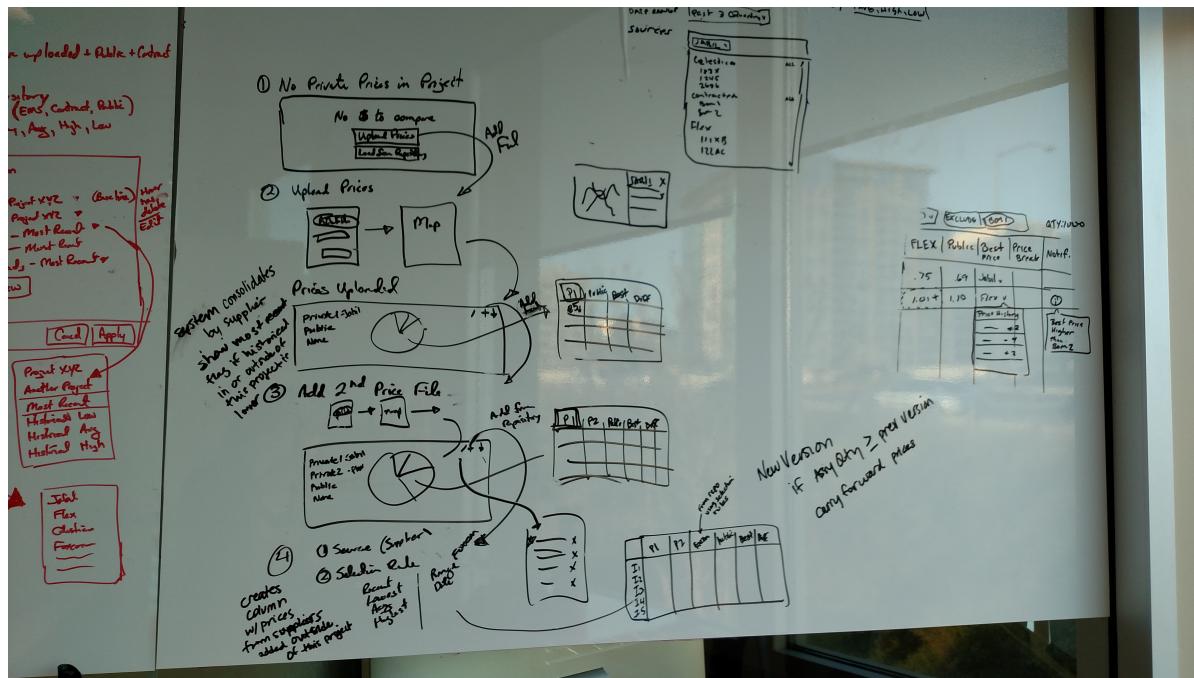
1 + Public + Contract

- Advanced  
From Repository  
for source (Ens, Cetred, Public)  
By  
Licency, Avg, High, Law



Jelal  
Flex  
Clashier  
Fedor





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## No labels