

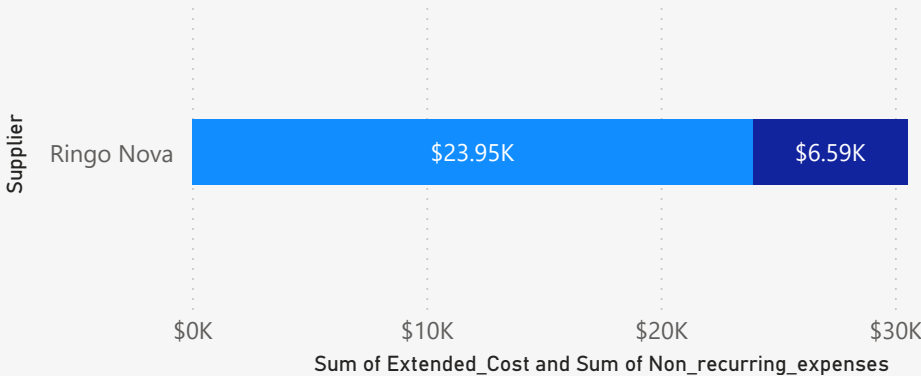
Supplier Selection

Lowest cost supplier

Ringo Nova

Cost Breakdown

● Sum of Extended_Cost ● Sum of Non_recurring_expenses



Supplier Table

Supplier	Part_Number	Volume	Unit_Cost	one-time expense	Full_Cost
Ringo Nova	P0706	20000	\$1.20	\$6,594.31	\$30,539.43
UCell, We Make	P0706	20000	\$1.24	\$11,186.96	\$36,001.66
Widgetmakers, Inc	P0706	20000	\$1.18	\$23,088.36	\$46,756.04
Total			\$5.06	\$61,808.20	

Volume

1000

5000

20000

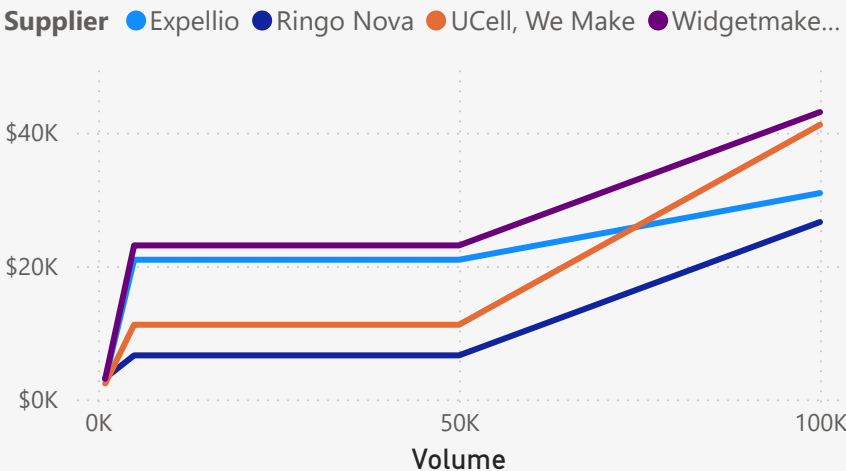
50000

100000

Part Number

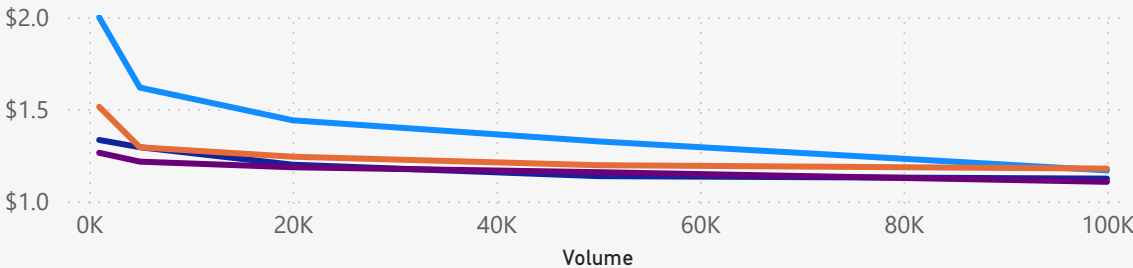
- ☐ P0604
- ☒ P0706
- ☐ P1010
- ☐ P1125
- ☐ P9091

Non_recurring_expenses by Volume and Supplier



Unit_Cost by Volume and Supplier

Supplier ● Expellio ● Ringo Nova ● UCell, We Make ● Widgetmakers, Inc



Scenario Analysis

Scenario Volume

20000



Non-recurring expenses

\$2,373.92

Lowest Cost Supplier

UCell, We Make

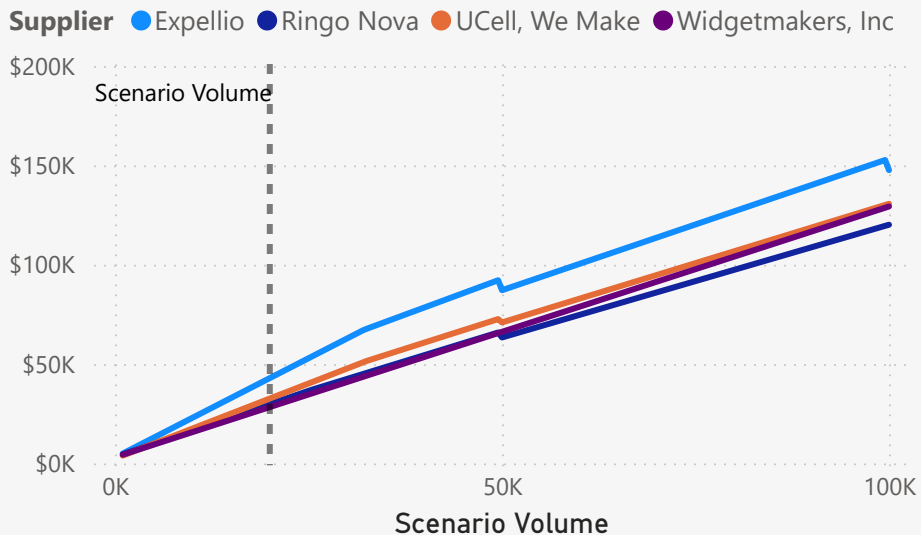
Supplier Table

Part_Number	Supplier	Buy Scenario Full Cost
P0706	UCell, We Make	\$33,230.72
P0706	Ringo Nova	\$35,276.32
P0706	Widgetmakers, Inc	\$38,144.08
Total		\$33,230.72

Part number

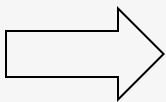
- ☐ P0380
- ☐ P0604
- ☐ P0622
- ☒ P0706
- ☐ P0914
- ☐ P1010
- ☐ P1125
- ☐ P1227
- ☐ P9091

Buy Scenario Full Cost (All) by Scenario Volume and Supplier



Make versus Buy

Scenario Volume



20000



Part_Number	Machine_Model	Existing_Capacity	Unit_Capacity	Additional Unit Capacity Required	Capital Investment Required (Make)	Make Scenario Full Cost
P0622	Lathe23	240000	1000	0	\$0.00	\$4,600.00
P0380	Lathe23	51007	20963	0	\$0.00	\$16,300.00
P0914	Lathe23	240000	1000	0	\$0.00	\$19,600.00
P1010	Lathe23	39273	8002	0	\$0.00	\$33,060.00
P9091	Lathe23	29760	13224	0	\$0.00	\$92,780.00
P0706	3D Printer79	1854	1141	18146	\$80,000.00	\$1,06,380.00
P0604	3D Printer79	476	1072	19524	\$95,000.00	\$1,29,180.00
P1227	3D Printer79	850	500	19150	\$1,95,000.00	\$2,59,400.00

Part_Name	Part_Number	Make vs Buy	Cost Avoidance	Buy Scenario Full Cost
Bewpittros	P1010	Make	\$6,85,339.52	7,18,399.52
Chattlecrat	P0914	Make	\$1,82,577.29	2,02,177.29
Degunkifier	P1227	Buy	\$29,978.01	2,29,421.99
Dewgodur	P1125	Buy	\$3,22,099.30	1,44,220.70
Furronaw	P9091	Make	\$2,03,980.44	2,96,760.44
Grotop	P0604	Make	\$8,59,472.93	9,88,652.93
Inperfusionator	P0622	Make	\$2,42,254.70	2,46,854.70
Redlity	P0706	Buy	\$72,140.28	22,220.72

Buy Scenario Full Cost by Supplier and Part_Number

