

Supply Chain

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Cover

Overview

Supplier Selection

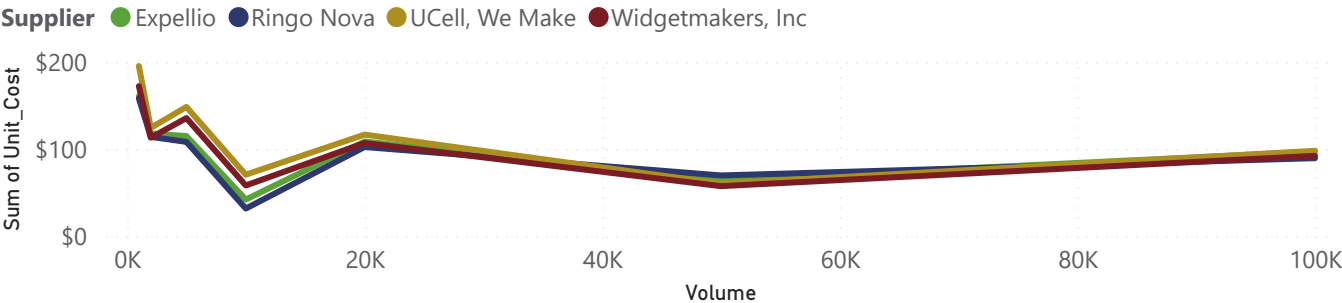
Scenario Analysis (Suppliers)

Make versus Buy

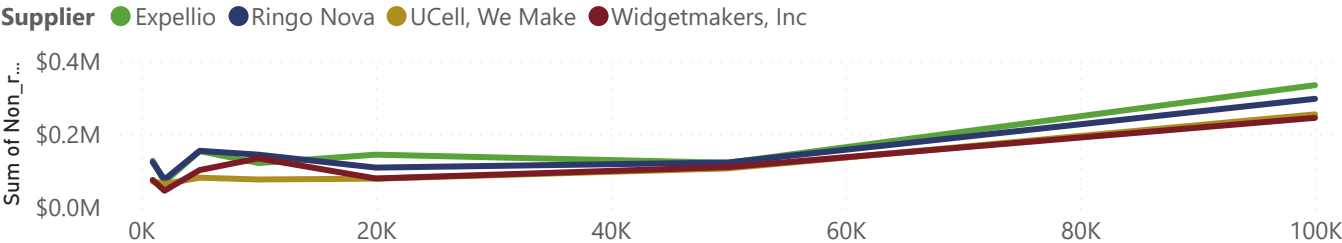
\$9,316.52

Sum of Non_recurring_expenses

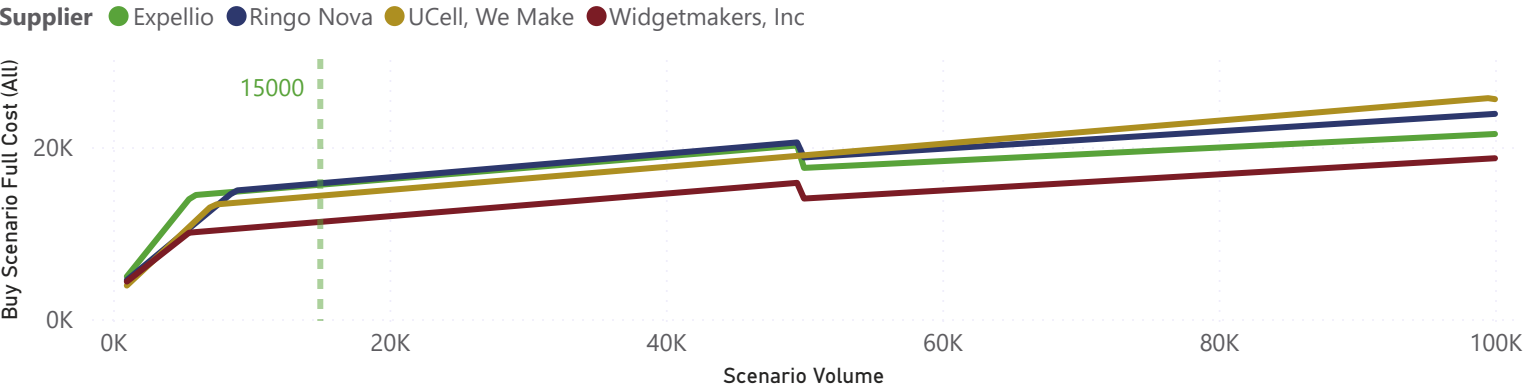
Sum of Unit_Cost by Volume and Supplier



Sum of Non_recurring_expenses by Volume and Supplier



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



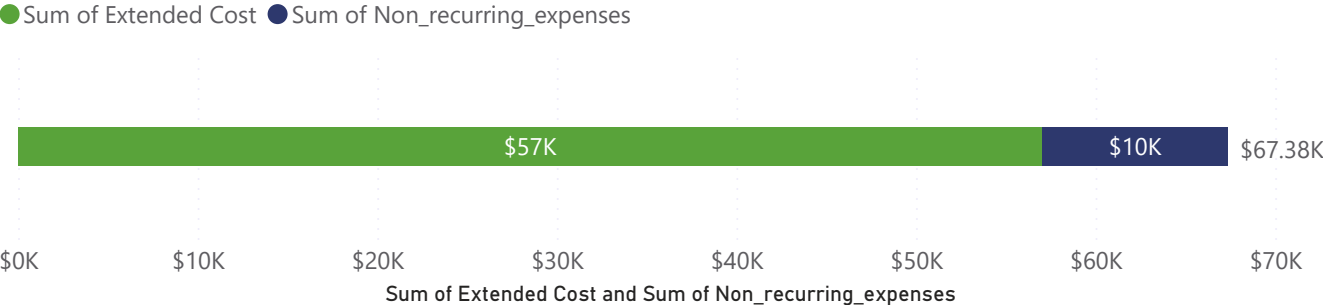
Buy Scenario Full Cost by Supplier and Part_Number



Widgetmakers, Inc

Lowest Cost Supplier

Cost Breakdown



Supplier	Part_Number	Volume	Sum of Non_recurring_expenses	Unit_Cost	Full Cost
Expellio	P0914	5000	\$6,288.82	\$24.24	\$127,504.10
Ringo Nova	P0914	5000	\$4,067.34	\$20.53	\$106,732.34
UCell, We Make	P0914	5000	\$2,878.07	\$42.60	\$215,902.77
Widgetmakers, Inc	P0914	5000	\$10,317.09	\$11.41	\$67,375.31
Total			\$23,551.32		

Part_Number

☐ P0380

☐ P0604

☐ P0622

☐ P0706

☒ P0914

☐ P1010

☐ P1125

☐ P1227

☐ P9091

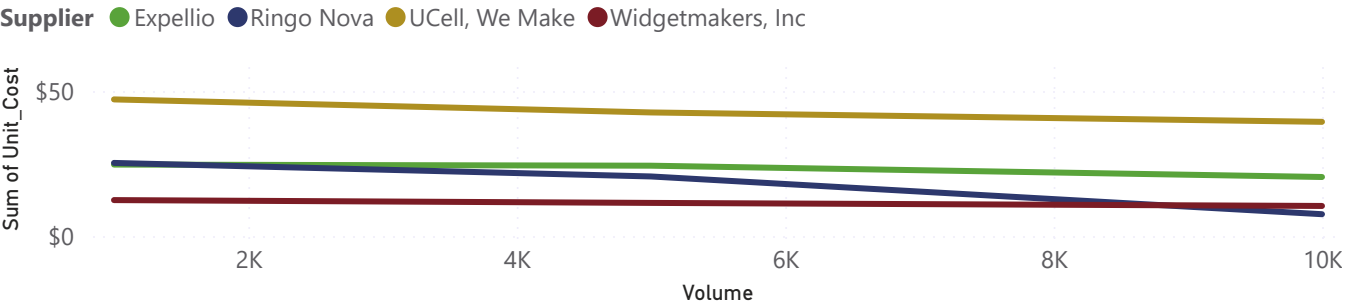
Volume

☐ 1000

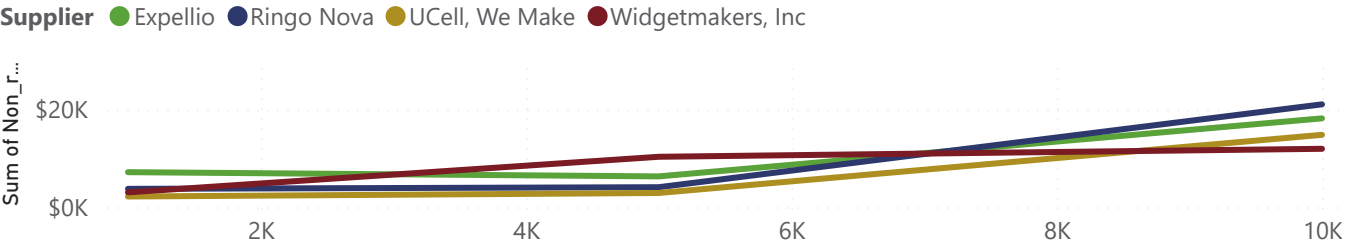
☒ 5000

☐ 10000

Sum of Unit_Cost by Volume and Supplier



Sum of Non_recurring_expenses by Volume and Supplier



Scenario Planner

Scenario Volume

25000

Part_Number

☐ P0380

☐ P0604

☐ P0622

☐ P0706

☐ P0914

☐ P1010

☐ P1125

☐ P1227

☐ P9091

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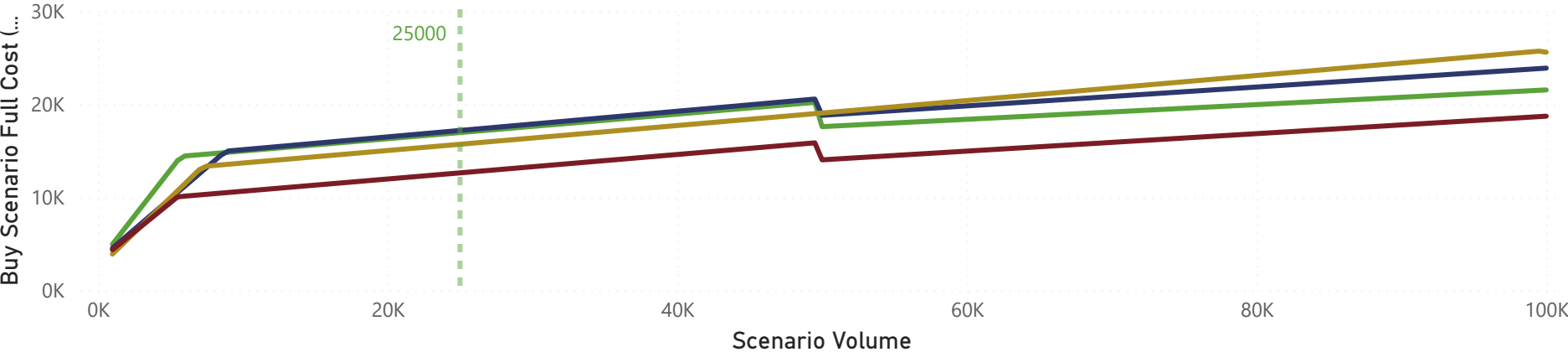
Supplier	Part_Number	Buy Scenario Full Cost
Widgetmakers, Inc	P1010	\$1,560,816.99
Ringo Nova	P0604	\$1,439,021.66
Widgetmakers, Inc	P0604	\$1,337,048.82
UCell, We Make	P1010	\$1,235,201.47
UCell, We Make	P0604	\$1,226,444.51
Widgetmakers, Inc	P0622	\$1,157,173.39
Total		\$13,886.48

\$9,316.52

Sum of Non_recurring_expenses

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

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



Make versus Buy

Scenario Volume

99000



Part_Name	Part_Number	Machine_Model	Existing_Capacity	Unit_Capacity	Additional Unit Capacity Required	Capital Investment Required (Make)	Make Scenario Full Cost
Grotop	P0604	3D Printer79	476	1072	98,524	\$460,000.00	\$629,191.00
Degunkifier	P1227	3D Printer79	850	500	98,150	\$985,000.00	\$1,303,780.00
Dewgodur	P1125	3D Printer79	1472	304	97,528	\$1,605,000.00	\$2,403,534.00
Porlity	P0706	3D Printer79	1854	1141	97,146	\$430,000.00	\$560,581.00
Furronaw	P9091	Lathe23	29760	13224	69,240	\$6,000,000.00	\$6,459,261.00
Bewpittros	P1010	Lathe23	39273	8002	59,727	\$8,000,000.00	\$8,163,647.00
Stepner	P0380	Lathe23	51007	20963	47,993	\$3,000,000.00	\$3,080,685.00
Chattlecrat	P0914	Lathe23	240000	1000	0	\$0.00	\$97,020.00
Inperfusionator	P0622	Lathe23	240000	1000	0	\$0.00	\$22,770.00
Total					0	\$0.00	\$22,770.00

Part_Name	Part_Number	Make vs Buy	Cost Avoidance	Buy Scenario Full Co
Bewpittros	P1010	Buy	\$4,646,958.98	\$3,516,688.
Chattlecrat	P0914	Make	\$820,435.07	\$917,455.
Degunkifier	P1227	Buy	\$461,314.73	\$842,465.
Dewgodur	P1125	Buy	\$1,770,588.98	\$632,945.
Furronaw	P9091	Buy	\$5,218,391.98	\$1,240,869.
Grotop	P0604	Make	\$3,510,897.00	\$4,140,088.
Inperfusionator	P0622	Make	\$1,160,175.88	\$1,182,945.
Porlity	P0706	Buy	\$428,716.37	\$131,864.
Stepner	P0380	Buy	\$3,058,475.66	\$22,209.
Total		Buy	\$560.66	\$22,209.

Buy Scenario Full Cost by Supplier and Part_Number

