

Supplier comparison

400 stackable storage bins | Purchasing analysis

SAMPLE WORK. All suppliers, quotations and requirements in this report are fictional. This is a demonstration, not a record of client work.

Recommendation

Select Alder Supply for the stated requirement. Its \$7,780 delivered price covers 400 units within 10 business days. Birch is \$70 less expensive but exceeds the 12-business-day deadline. Cedar meets the deadline but requires 500 units and \$9,050, adding \$1,270 and 100 unneeded units.

Quoted cost and delivery

Quote	Units	Goods	Freight	Total	Delivery
Alder / Q-A	400	\$7,360	\$420	\$7,780	10 days
Birch / Q-B	400	\$7,500	\$210	\$7,710	15 days
Cedar / Q-C	500	\$9,050	\$0	\$9,050	8 days

Delivery is measured in business days after receipt of an accepted order. The supplied fictional requirement uses zero sales tax and identical product specifications and delivery destination for all quotations.

Purchasing conditions

Alder: Net 30; price valid for 30 days; no split delivery. **Birch:** Net 30; price valid for 14 days; no expedited option quoted. **Cedar:** payment before dispatch; minimum 500 units; price valid for 21 days.

Calculation notes & sources

Cost calculation

Delivered total = ordered quantity × quoted unit price + freight + tax. Minimum order quantities determine the quantity costed, even when the buyer needs fewer units.

Q-A: $400 \times \$18.40 + \$420 + \$0 = \$7,780$.

Q-B: $400 \times \$18.75 + \$210 + \$0 = \$7,710$.

Q-C: $500 \times \$18.10 + \$0 + \$0 = \$9,050$.

Effect of the deadline

If the delivery allowance increases from 12 to 15 business days, Birch becomes the lowest quoted total, saving \$70 against Alder. The quoted premium for Alder's earlier delivery is approximately 0.91% of Birch's total. The current recommendation therefore depends on the stated deadline.

Limits of the comparison

The source quotations do not establish stock availability beyond the quoted delivery periods, product quality, warranty coverage or cancellation rights. Those facts cannot be inferred from price. No discount for Cedar's extra units or future use of those units is assumed. This sample authorizes no purchase.

Source package

The accompanying **supplier-source-quotes.json** contains the full fictional requirement, Q-A, Q-B and Q-C. **supplier-cost-schedule.csv** contains the calculated totals. The comparison uses only those inputs.

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