Example: two workbenches

Illustrative request only. Fictional inputs; not a customer project or approved installation.

1 Mark up the layout

Request: price an overhead run serving two workbenches, with room to reposition compatible connections later. Candidate system: T40; final circuit arrangement remains for review.

CONCEPT PLAN / NOT TO SCALE / NOT A WIRING DIAGRAM



Ceiling: 12 ft AFF. Work surface: 3 ft AFF. Route/structure to be verified.

2 Describe equipment and requested connections

P1 / Bench A

120V, single phase; 6A stated operating load.

One quad 5-20R PowerDrop; 9 ft cord requested.

P2 / Bench B

120V, single phase; 8A stated operating load.

One quad 5-20R PowerDrop; 9 ft cord requested.

Requested protection: one 20A single-pole breaker per PowerDrop, subject to equipment and assembly review. Receptacle/breaker ratings are not the equipment demand or permission to exceed a circuit rating.

Actual equipment plug models, starting/continuous loads, cord reach and simultaneous use must be confirmed before the request becomes an approved design.

Example: scope to quotation

Keep the commercial request separate from unresolved engineering selections.

3 Completed purchasing inputs

Quantity: one approximately 20 ft overhead run, one feed zone and two quad PowerDrops. Request a complete compatible bill of materials, including joints, supports and end closures.

Delivery: Columbus, Ohio 43219, commercial receiving dock. Full street address and receiving contact to be supplied before shipment.

Requested arrival: eight weeks after order acceptance. Ask for a proposed shipment date and freight transit allowance; this is a request, not a delivery commitment.

Shipments: one complete shipment preferred. Quote an alternative only if a partial shipment would help meet the requested date.

Future additions: price one spare compatible PowerDrop as a separate option. Its use remains subject to available capacity and the approved load plan.

Expediting: price an expedited option only if needed to meet the requested arrival. Show any additional charge separately.

4 What still needs review

Buyer-supplied basis: 208Y/120V, three-phase source stated; two 120V equipment connections requested. Source documentation and equipment nameplates are attachments to obtain.

Manufacturer / project engineer coordination: selected T40 deck and circuit arrangement; phase loading; upstream protection; available fault current and assembly ratings; grounding/neutral configuration; support layout and complete compatible components.

The 40A system limit is separate from the rating of either branch connection. The two stated loads alone do not determine the full circuit or feed design.

5 Review the quotation before ordering

Check included quantities and options, exclusions, freight and taxes, production-release requirements, proposed shipment timing, quote validity and payment/order terms. Resolve open items before accepting the quotation.

The accepted quotation and order confirmation govern the purchase. This example is a request format, not a quotation, schedule guarantee or installation approval.

Prepare your own request

Submit project information