

## Making\_a\_Product\_with\_One\_Internal\_Task\_and\_Two\_Outsourced\_Tasks

This test will verify the production of a product with one internal task followed by two outsourced tasks. This test is a combination of [Making a Product with One Internal Manufacturing Step](#) and [Making a Product with One Outsourced Step](#), so please read and become familiar with those two tests before attempting this one.

### Action

Create a production run of productId=PROD\_IN\_OUT, routingId=ROUTING\_IN\_OUT, quantity=1

### Result

Production run created with tasks in the following sequence:

1. Demo Routing Task for Costing
2. Sample Outsourced Production Task
3. Second Sample Outsourced Production Task

### Action

Confirm the production run

### Result

[Start] button appears next to "Demo Routing Task for Costing" task

### Action

Start, issue components, and complete the first production run task.

### Result

Inventory issued and costs booked as in [Making a Product with One Internal Manufacturing Step](#)

### Action

Follow steps to [Making a Product with One Outsourced Step](#) to create purchase orders and receive the outsourced tasks.

### Result

Similar to that in [Making a Product with One Outsourced Step](#), with the following exceptions:

- There would be two items on the purchase order, OUTSOURCE0001 (quantity=1, price=10) and OUTSOURCE0002 (quantity=10, price=5.85)
- Two accounting transactions would be created, one for each outsourced task, with the following values:

```
CR 600120 Contract Mfg Expense 10
DR 142000 WIP Inventory 10
```

and

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CR 600120 Contract Mfg Expense 58.5  
DR 142000 WIP Inventory 58.5

- After the inventory is received, the following transaction is created:

CR 142000 WIP Inventory 307.50  
DR 140000 Inventory 307.50

- The vendor invoice from DemoSupplier should have two line items, one for quantity=1 of OUTSOURCE0001 and one for quantity=10 of OUTSOURCE0002
- After the vendor invoice has the shipping charges added and is set to Ready, the following accounting transactions should be created:

DR 6001200 Contract Mfg Exp 10  
DR 6001200 Contract Mfg Exp 58.5  
DR 5100000 Freight In 9.95  
CR 2100000 Accounts Payable 78.45