

CM 352 – Electrical Construction Estimating

Accubid Activity #19 Accubid Office Building – FINAL CLEANUP OF TAKEOFF

Procedure

1. Start the program Accubid Pro 15
2. Press the CAPS LOCK Key ON
3. From the Job Schedule Screen open the file, Accubid Office Building.
4. If not already selected, select the Takeoff tab at the bottom of the screen.
5. Make sure that the **L100 v8 us neca imp** is the currently selected database. If not, switch to it by clicking on the Database menu and choosing the Select command.
6. Set the Breakdown and choose Takeoff: TEMPORARY ASSEMBLIES from the Takeoff list.

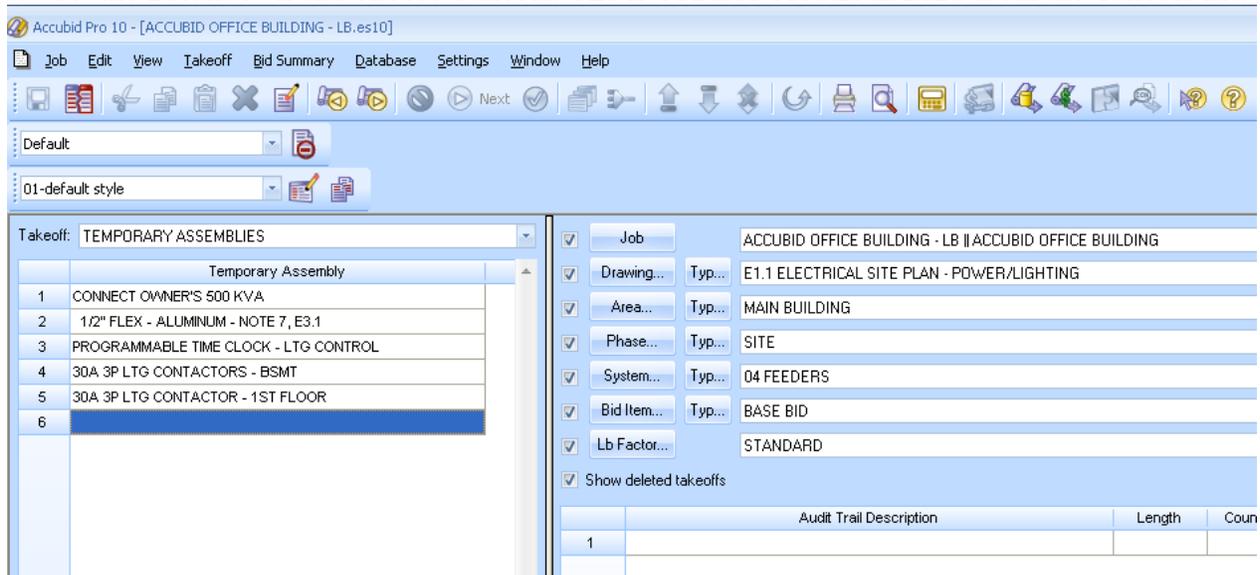


Figure 1

7. Double click on the TEMPORARY ASSEMBLY, CONNECT OWNER'S 500 KVA to add it to your takeoff.
8. In the Measure Takeoff window set the Count =1 and click OK.
9. Change the Breakdown as shown in Figure 2.

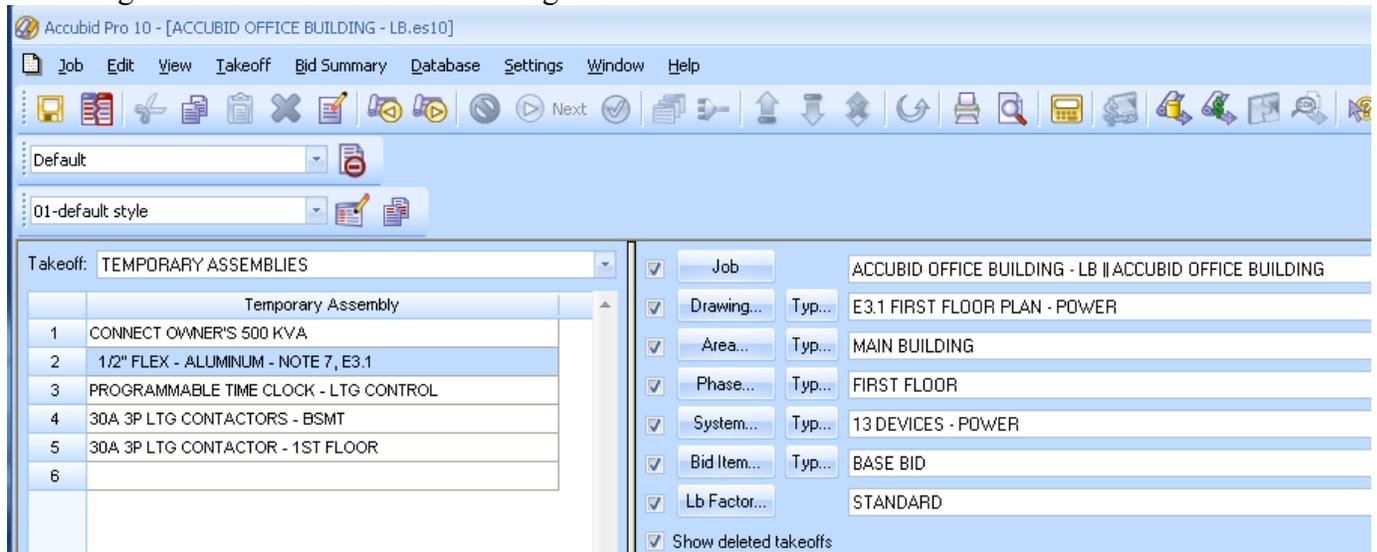


Figure 2

10. Double click on the TEMPORARY ASSEMBLY, 1/2" FLEX - ALUMINUM - NOTE 7, E3.1 to add it to your takeoff.
11. In the Measure Takeoff window set the Count to the number on your 13 DEVICES – POWER takeoff sheet and click OK.
12. Place a red line through the count on your 13 DEVICES – POWER takeoff sheet.
13. Choose Takeoff: ITEM DATABASE from the Takeoff list.
14. Double click on:
 - [Line 1] CONDUIT & FITTINGS
 - [Line 1] EMT
 - [Line 1] EMT CONDUIT
 - [Line 3] 1" CONDUIT – EMT
15. In the Measure takeoff window edit the Takeoff Label to: 1" EMT 2#4, 1#8 W/LT FLEX CONN L1-22/24 [NOTE 6]
16. Using the ITEM DATABASE, add the items shown in the Item Description and edit Fct 1 and Fct 2 as shown in Figure 3.

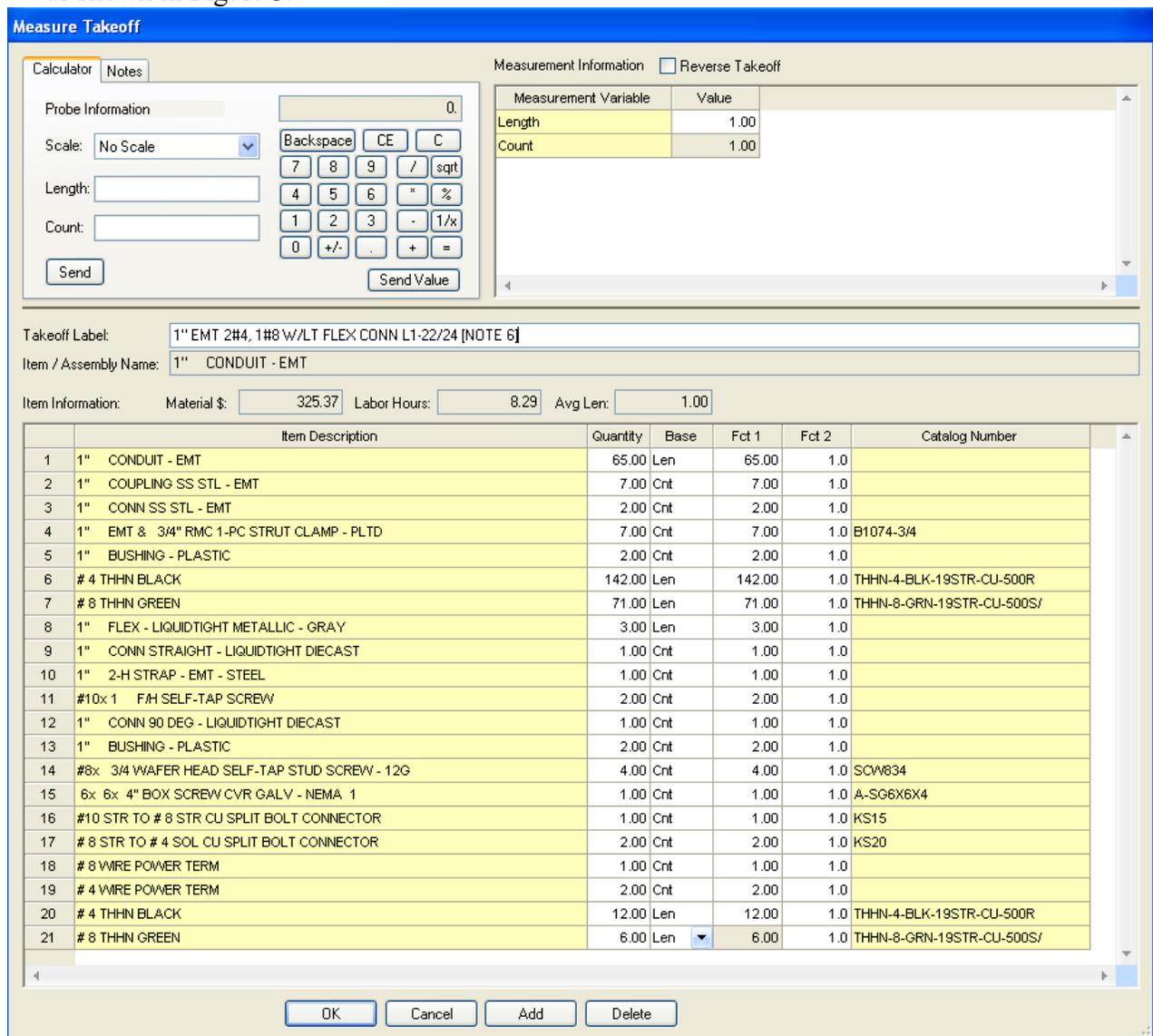


Figure 3

17. Click OK.
18. Place a red line through the count on your 13 DEVICES – POWER takeoff sheet.

19. Choose Takeoff: ITEM DATABASE from the Takeoff list.
20. Double click on:
 - [Line 1] CONDUIT & FITTINGS
 - [Line 1] EMT
 - [Line 1] EMT CONDUIT
 - [Line 3] 3/4" CONDUIT – EMT
21. In the Measure takeoff window edit the Takeoff Label to: 3/4" EMT 2#8, 1#10 W/LT FLEX CONN L1-26/28 [NOTE 6]
22. Using the ITEM DATABASE, add the items shown in the Item Description and edit Fct 1 and Fct 2 as shown in Figure 4.

Measure Takeoff

Calculator | Notes

Measurement Information Reverse Takeoff

Probe Information: 0.

Scale: No Scale

Length:

Count:

Measurement Variable	Value
Length	1.00
Count	1.00

Takeoff Label: 3/4" EMT 2#8, 1#10 w/LT FLEX CONN L1-26/28 [NOTE 6]

Item / Assembly Name: 3/4" CONDUIT - EMT

Item Information: Material \$: 155.48 Labor Hours: 6.00 Avg Len: 1.00

	Item Description	Quantity	Base	Fct 1	Fct 2	Catalog Number
1	3/4" CONDUIT - EMT	65.00	Len	65.00	1.0	
2	3/4" COUPLING SS STL - EMT	7.00	Cnt	7.00	1.0	
3	3/4" CONN SS STL - EMT	2.00	Cnt	2.00	1.0	
4	3/4" EMT & 1/2" RMC 1-PC STRUT CLAMP - PLTD	7.00	Cnt	7.00	1.0	B1073-1/2
5	3/4" BUSHING - PLASTIC	2.00	Cnt	2.00	1.0	
6	# 8 THHN BLACK	142.00	Len	142.00	1.0	THHN-8-BLK-19STR-CU-500S/
7	#10 THHN SOLID GREEN	71.00	Len	71.00	1.0	THHN-10-GRN-SOL-CU-500S/R
8	3/4" FLEX - LIQUIDTIGHT METALLIC - GRAY	3.00	Len	3.00	1.0	
9	3/4" CONN STRAIGHT - LIQUIDTIGHT DIECAST	1.00	Cnt	1.00	1.0	
10	3/4" 2-H STRAP - EMT - STEEL	1.00	Cnt	1.00	1.0	
11	#10x1 F/H SELF-TAP SCREW	2.00	Cnt	2.00	1.0	
12	3/4" CONN 90 DEG - LIQUIDTIGHT DIECAST	1.00	Cnt	1.00	1.0	
13	4 11/16x 2 1/8" SQ BOX COMB KO	1.00	Cnt	1.00	1.0	257
14	4 11/16" SQ BLANK COVER	1.00	Cnt	1.00	1.0	8832
15	#8x 3/4 WAFER HEAD SELF-TAP STUD SCREW - 12G	3.00	Cnt	3.00	1.0	SCW834
16	WIRE CONN GRAY (#14 TO # 8)	3.00	Cnt	3.00	1.0	G-BOX
17	#10 WIRE POWER TERM	1.00	Cnt	1.00	1.0	
18	# 8 WIRE POWER TERM	2.00	Cnt	2.00	1.0	
19	# 8 THHN BLACK	12.00	Len	12.00	1.0	THHN-8-BLK-19STR-CU-500S/
20	#10 THHN SOLID GREEN	6.00	Len	6.00	1.0	THHN-10-GRN-SOL-CU-500S/R

Buttons: OK, Cancel, Add, Delete

Figure 4

23. Click OK.
24. Place a red line through the count on your 13 DEVICES – POWER takeoff sheet.
25. Save your estimate.