CM 352 – Electrical Construction Estimating

Accubid Activity #11
Accubid Office Building – SYS 16 CABLE TRAY & SYS 19 TELE/DATA CONDUIT

SYS 16 Cable Tray
Procedure
1. Start the program Accubid Pro 13.0. [Start, All Programs, Trimble, Classic 13, Accubid Pro 13]
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. Obtain the SYS 16 CABLE TRAY Takeoff Sheet
7. Create the Typical for the Phase Breakdown Label, FLOORS 1 to 4 TRAY, as shown in Figure 1.
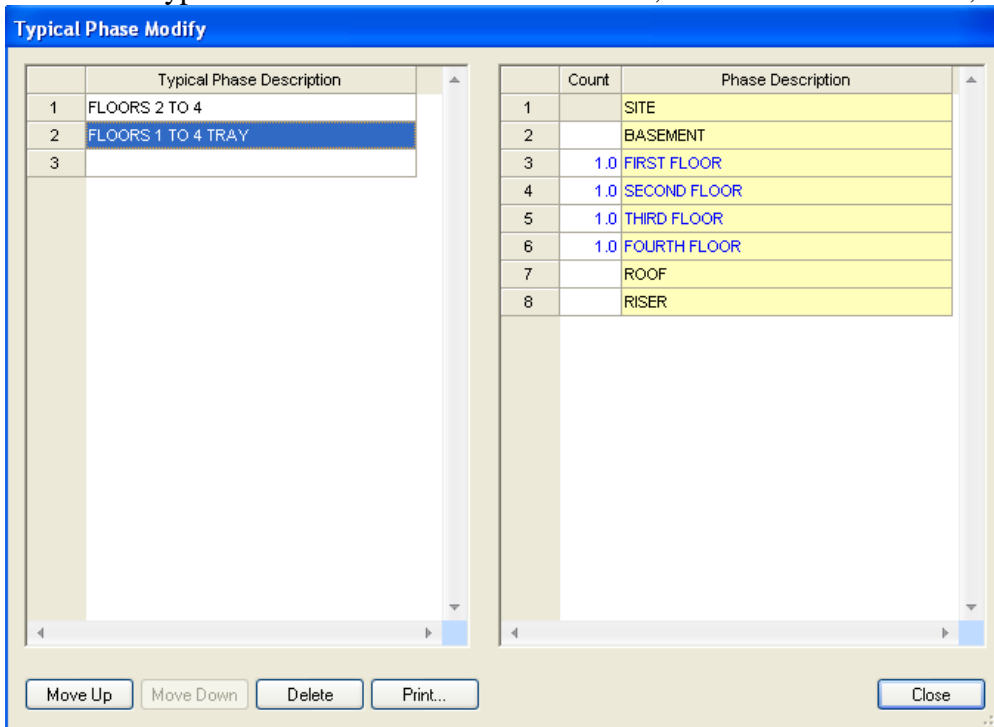

Figure 1

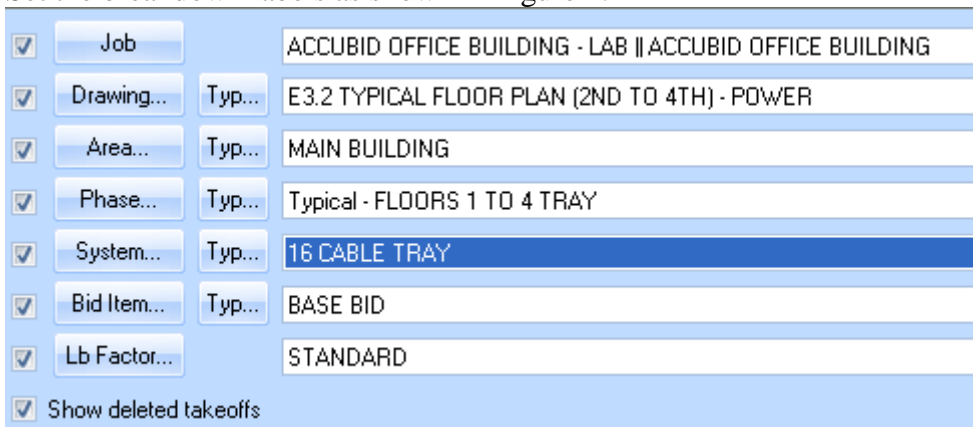8. Set the breakdown labels as shown in Figure 2.

Figure 2

9. Choose DUCTS AND TRAYS from the drop down list in the Takeoff: area of the screen.
10. Double click:
    [Line 1] CABLETRAY
    [Line 3] 12" WIDE - STEEL GALV
    [Line 2] 12" Wx 3" Dx 9" SPCG LADDER TRAY - STEEL GALV

11. In the Create/Modify Description window click on OK.
12. In the Measure Takeoff window change the Length of run to *YOUR NUMBER* and make sure that the Parallel Runs is set to 1. Then click on OK.
13. Add the following Items and QTY to the Takeoff:

Item	QTY
12" Wx 3" Dx 24" RAD LADDER 30 HORZ BEND - STL GALV	2.00
12" Wx 3" Dx 12" RAD LADDER HORZ T SECTION - STL GALV	2.00
12x 12x 18x 3" Dx 12" RAD LADDER HORZ XPND T SECTION - STL GALV	1.00
TRAY FIRE BARRIER	1.00
1 5/8x 1 5/8x 14G STRUT GALV	38.00
MALL BEAM CLAMP TO 1" FLNG W/ 3/8-16 THRD HOLE BTM+BACK	60.00
3/8" THREADED ROD - PLTD	120.00
3/8-16 HEX NUT - PLTD STL	120.00
3/8" LOCK WASHER - PLTD STL	120.00
3/8x 1 FENDER WASHER - PLTD STL	120.00

14. Right click in the audit window and click finish and OK.
15. Choose DUCTS AND TRAYS from the drop down list in the Takeoff: area of the screen.
16. Double click:
    [Line 1] CABLETRAY
    [Line 4] 18" WIDE - STEEL GALV
    [Line 2] 18" Wx 3" Dx 9" SPCG LADDER TRAY - STEEL GALV

17. In the Create/Modify Description window click on OK.
18. In the Edit Takeoff window change the Length of run to *YOUR NUMBER* and make sure that the Parallel Runs is set to 1. Then click on OK.
19. Add the following Items and QTY to the Takeoff:

Item	QTY
1 5/8x 1 5/8x 14G STRUT GALV	4.00
MALL BEAM CLAMP TO 1" FLNG W/ 3/8-16 THRD HOLE BTM+BACK	4.00
3/8" THREADED ROD - PLTD	8.00
3/8-16 HEX NUT - PLTD STL	8.00
3/8" LOCK WASHER - PLTD STL	8.00
3/8x 1 FENDER WASHER - PLTD STL	8.00

20. Right click in the audit window and click finish and OK.
21. Save your Estimate.

SYS 19 TELE/DATA CONDUIT
Procedure
22. Obtain the SYS 19 TELE/DATA CONDUIT Takeoff Sheet.
23. Set the breakdown labels as shown in Figure 2.

Figure 2

24. Choose COMMON ASSEMBLIES from the drop down list in the Takeoff: area of the screen.
25. Double click:
    [Line 29] SYSTEMS - VOICE & DATA
    [Line 1] TEL / DATA OUTLET - STUD WALL(10' - 3/4" EMT)

26. Enter the count value in the Measure Takeoff window and click OK.

Figure 3

27. Change the Breakdown and repeat for the remaining takeoff.
28. Save the Estimate.