

CM 352 – Electrical Construction Estimating

Accubid Office Building Accubid Activity #20 - Bid Summary

Procedure

Edit each Accubid Sheet as follows.

DirLb

Change the Rate \$ and Brdn % and delete the Frng \$ entries as shown in Fig. 1

	Labor Type	Crew	Hours	Rate \$	SubTotal	Brdn %	Frng \$	Brdn Tot.	Frng Tot.	Total	Full Rate	Code	Type
1	FOREMAN	1.00	825.61	54.71	45,169.12	69.000		31,166.69		76,335.81	92.46		
2	JOURNEYMAN	3.00	2,476.82	47.57	117,822.33	69.000		81,297.41		199,119.74	80.39		
3	APPRENTICE	1.00	825.61	38.06	31,422.72	69.000		21,681.68		53,104.40	64.32		
4													

Fig. 1

InclB

Edit the InclB Screen as shown in Fig. 2

	Incidental Labor	Hours	Rate \$	SubTotal	Brdn %	Frng \$	Brdn Tot.	Frng Tot.	Total	Full Rate	Code	Type
1	SUPERVISION	200.00	61.84	12,368.00	69.000		8,533.92		20,901.92	104.51		
2	MATERIAL HANDLER	100.00	27.52	2,752.00	69.000		1,898.88		4,650.88	46.51		
3	COMMISSIONING	20.00	56.97	1,139.40	69.000		786.19		1,925.59	96.28		
4	AS BUILT DRAWINGS	20.00	43.82	876.40	69.000		604.72		1,481.12	74.06		
5	SITE MEETINGS		46.98		69.000							
6	JOB SCHEDULING		46.98		69.000							
7	MATERIAL PURCHASING		46.98		69.000							
8	TESTING		46.98		69.000							
9	VERIFICATION		46.98		69.000							
10	COMMISSIONING		46.98		69.000							
11	AS BUILT DRAWINGS		46.98		69.000							
12	DEFICIENCIES		46.98		69.000							
13	TRUCK DRIVER		46.98		69.000							
14	LABORER		46.98		69.000							
15	CARPENTER		46.98		69.000							
16	CEMENT FINISHER		46.98		69.000							
17	FLAGMAN		46.98		69.000							
18	WATCHMAN		46.98		69.000							
19												
Totals		340.00	50.40	17,135.80	69.000		11,823.71		28,959.51	85.18		

Fig. 2

IndLb

Edit the IndLb screen as shown in Fig. 3

	Indirect Labor	Lab %	Hours	Rate \$	SubTotal	Brdn %	Frng \$	Brdn Tot.	Frng Tot.	Total	Full Rate	Code	Type
1	PROJECT MANAGER		320.00	61.84	19,788.80					19,788.80	61.84		
2	GENERAL FOREMAN												
3	DESIGN ENGINEER												
4	COST CONTROL ENGINEER												
5	DRAFTSMAN												
6	TIME KEEPER												
7	STOCKMAN												
8													

Fig. 3

Subs

TAX = BLANK

OVERHEAD = 5%

MARKUP = 4%

EXCAVATION

<u>VENDOR</u>	<u>QUOTE</u>	<u>NOTE</u>
BEST EXCAVATION	6,500.00	
FAST EXCAVATION	1,800.00	NO POLE BASES
RELIABLE EXCAVATORS	4,400.00	

CIVIL WORK

<u>VENDOR</u>	<u>QUOTE</u>	<u>NOTE</u>
A1 CONTRACTING	3,700.00	
CHEAP CONTRACTING	3,600.00	
A2 CONTRACTING	3,850.00	

FIRESTOPPING

<u>VENDOR</u>	<u>QUOTE</u>	<u>NOTE</u>
ALPHACORE & FIRE STOP	3,200.00	
BUDGET	2,000.00	

GenExp

TAX = 9.250

OVERHEAD = 5%

MARKUP = 3%

	General Expenses	Alarm	Quantity	Field	Duration	Cost/Unit	Total Cost	Tax(%)	Overhead %	Markup %	Total	Notes	Code	Type
1	SPECIFIED ALLOWANCES	Off	1.00	<None>					5.000	3.000				
2	INSPECTION PERMIT	Off	1.00	<None>		500.00	500.00		5.000	3.000	540.75			
3	POWER CHARGES (per Month)	Off		<None>		225.00			5.000	3.000				
4	TELEPHONE (per Month)	Off		<None>		55.00			5.000	3.000				
5	TRAVEL EXPENSES (per Mile)	Off		<None>		0.45			5.000	3.000				
6	ROOM & BOARD (per Day)	Off		<None>					5.000	3.000				
7	SITE OFFICE (per Month)	Off	1.00	<None>	6.00	650.00	3,900.00	9.250	5.000	3.000	4,608.00			
8	SITE STORAGE (per Month)	Off		<None>		275.00			5.000	3.000				
9	FIELD TOILET (per Month)	Off		<None>		125.00			5.000	3.000				
10	CONSUMABLES	Off	3,377.40	Ext Total Mat(\$)		0.03	101.32	9.250	5.000	3.000	119.71	3% OF DATABASE MATERIAL		
11	SMALL TOOLS	Off	45.04	DirLb Hours		1.25	56.30	9.250	5.000	3.000	66.53	\$1.25 PER DIRECT LABOR HOUR		
12	COURIER	Off		<None>					5.000	3.000				
13	TRANSPORTATION	Off		<None>					5.000	3.000				
14	TEMPORARY LIGHTING	Off		<None>					5.000	3.000				
15	TEMPORARY POWER	Off		<None>					5.000	3.000				
16	FENCING	Off		<None>					5.000	3.000				
17	HEATING	Off		<None>					5.000	3.000				

Fig. 4

QtMat

LIGHTING FIXTURES

<u>VENDOR</u>	<u>QUOTE</u>
GE SUPPLY	34,100.00
GRAYBAR	35,100.00
WESCO	35,700.00
IES	31,889.00
WALTERS	

DISTRIBUTION

<u>VENDOR</u>	<u>QUOTE</u>
GE SUPPLY	14,300.00
GRAYBAR	17,300.00
WESCO	15,000.00

FIRE ALARM

<u>VENDOR</u>	<u>QUOTE</u>
EDWARDS	11,000.00
NOTIFIER	10,750.00
SIMPLEX	14,500.00

CABLE TRAY	
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<u>VENDOR</u>	<u>QUOTE</u>
GE SUPPLY	9,000.00
GRAYBAR	9,200.00
WESCO	10,800.00

EQUIPMENT / CONTROLS	
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<u>VENDOR</u>	<u>QUOTE</u>
GE SUPPLY	4,100.00
GRAYBAR	3,600.00
WESCO	3,290.00
IES	3,475.00