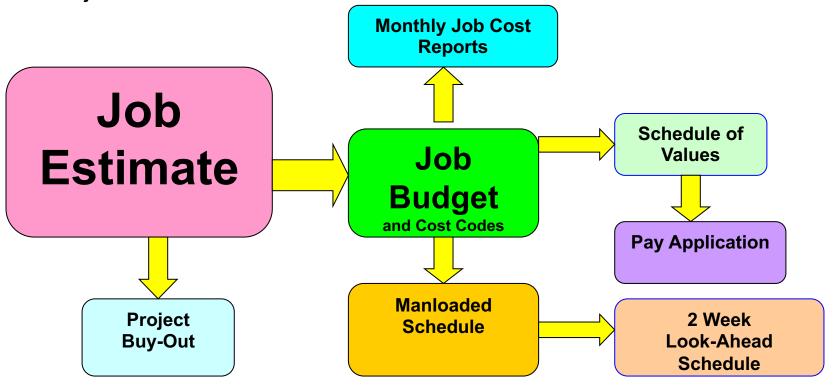


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What's the Point?



As we will see here and in other Foreman Development modules, when the Contractor is successful, the Job Estimate will affect all other aspects of the Project:



Questions?



- What is an Estimate?
- What items are included in an Estimate?
- As a Foreman why do we need to know anything about the Estimate?
 - How does the estimate affect what we do?
- Is the Contractor going to show you the Estimate?
 - Should we be allowed to see it?
- Is it my Job to make the Contractor Money?

Objectives



The purpose of this Module is to give you a brief overview of:

- How the Electrical Contractor gets work and the bid process involved.
- How the Contractor arrives at the cost estimate.
- How the successful bid estimate is turned into the Job Budget of labor and material that you, as the Foreman, will be responsible for.

Upcoming Projects?



How are Jobs advertised?

- Jobs are listed in various trade publication services such as Dodge reports, Construction Reporter, etc.
- The Contractor decides which jobs he is interested in bidding.
- Anyone wishing to bid the project will register; get the bid forms and list of registered bidders.
- Plans and specifications are picked up after leaving cash deposit that is refunded when the plans are returned.

Pricing My Account

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Why Dodge

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Search Bidding Projects:

Texas

Search keyword or Dodge #

Include:

All Project Types

Phase

Bid Results

Bidding

Bidding

Valuation

Search Tips

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Bid Date

Jun 11, 2019

Jun 19, 2019

Jun 19, 2019

Narrow Your Results

Include ASAP and NDS Bid Dates

Trade (Dodge Gobal Network Only)

Project Type

Site Development (610) Paving (584) Unclassified (487) Storm Sewer (276)

Type of Work

Alterations (1633) New Project (221) Additions, Alterations (99) Alterations, New Project (79) See All

County

See All

Phase

Owner Type

Located within

▼ miles of

Zip Code or Address



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Schedule a Demo



Looking for more detailed search results?

3253 Bidding Projects in Texas

The Search returned projects that are currently in the bidding phase. If you would like to see projects in other phases of construction such as design or planning, Click here.

Location

\$199,552 TX (Johnson)

\$499,999 TX (Bexar)

\$499,999 TX (Harris)

All Results | Projects With Plans & Specs Only

Filter By: State: Texas

Project Project Type

2019 Paving Improvements

201900687208 v. 9 Dodge Project Report and Addenda

Owner Type: Public

View Now

Paving.

Storm Sewer

Track This Project®

Asphalt Drive and Parking Area Resurface

201900710744 v. 2 Dodge Project Report

Owner Type: Public

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Paving

Dredging

Track This Project

Berth Maintenance Dredging

201900698851 v. 6 Dodge Project Report, Plans and

Addenda

Owner Type: Public

View Now

Track This Project

BISD-SFA Waterline Relocation

201900704465 v. 4 Dodge Project Report, Plans and Addendum

Owner Type: Public

View Now

View Now

Water Line

Track This Project

Bidding

Bidding

\$749,999 TX (Brazos)

\$399,999 TX (Harris)

Jun 19, 2019

Jun 19, 2019

Bridgeland Tuckerton Road WDS Improvements

201900691930 v. 8 Dodge Project Report, Plans, Specs and Addenda Owner Type: Public

Paving. Storm Sewer. Sanitary Sewer

Track This Project®

Bucees Blvd and Sonoma Trail Street Improvements REBID

201900629126 v. 15 Paving. Biddina \$1,300,000 TX (Ellis) Jun 19, 2019

The Estimate



The Contractor does take offs and completes the cost estimate of the project.

- Prices come from the electrical supply houses usually at the last minute on the day of the bid.
- The Electrical Contractor may also get prices from other Subcontractors for:
 - Pieces of the project that are specialized, risky or that could be done more cheaply by others.

Standard Bid Exclusions



- Your bid will also include a set of "exclusions".
 - This is a list of very common items that will tell the General what work the Sub <u>didn't</u> include in his bid.
 - Work that is being excluded will have to be included somewhere else in the General Contractor's price.
- Standard Exclusions could include:
 - Cutting and Patching or Bond Fees
 - Temporary Power or Lighting
 - Concrete Work, Trash Hauling, Fire Stopping or Painting

Bid Addendums



- These are bid clarifications and / or additions to the Specifications and the Drawings.
 - Issued prior to bid day
 - These become a legal part of the Contract Documents.
- Addendums can delay the job bid date
- Each Contractor on the bid form must indicate the number of Alternates and Addendums received and included in the price.

Bid Alternates



- There can be one or more Alternates.
 - These Alternates divide parts of the project into separate pieces of work.
- Each Alternate is priced individually on the bid form.
- Depending on the price, these Alternates can be included in the overall project or not as the Owner sees fit and their budget allows after the bids are opened.

Bid Day



The Sub's Bid (you)

The General Contractor's Bid

And the Winner is...

Ethics



What are some of the unethical aspects of bidding work?

- What is "Shopping the Bid"?
- "Post Bid Shopping"?
- "Bid Peddling"?

When it comes to money - there are lots of unethical people in the world.

Other Ways of Bidding Work



Owner's Choice

T&M, Not to Exceed or Cost Plus

Unit Pricing or Per Square Foot

Conceptual Estimates or R.O.M.

Design / Build and GMP

The Job Estimate



These are the ingredients and their costs that go into creating a detailed job estimate that becomes the Job Bid:

Material

- Pipe & wire, boxes and fittings, etc.
- Fixtures and gear purchased from Supply Houses / Vendors

Labor

- Direct Labor (example: \$35.20 / hr for a Journeyman Wireman)
- Indirect Labor (Labor Burden)

Equipment

- Company owned equipment
- Rental / lease for project (scissor lifts, cranes, etc.)

Labor Burden



What is Labor Burden?

 "The extra labor costs, above and beyond the normal hourly working wage, that a Contractor must pay for each man-hour worked."

 These are "indirect" costs that do not contribute directly to either profit or production.

Labor Burden - an example



Jan.1, 2022 New Mexico Local 611 Labor burden / Journeyman Wireman with hourly wage of:

\$35.20

FICA - Social Security & Medicare (Employer pays matching taxes on wages)	7.65%	\$2.69
FUTA - Federal Unemployment Tax Act	6.00%	\$2.11
SUTA - State Unemployment Tax	5.40%	\$1.90
WC - NM Workmen's Compensation Insurance	4.50%	\$1.58
PLPD - Personal Liability & Property damage Insurance	2.00%	\$0.70
NEBF – National Electrician's Benefit Fund	3.00%	\$1.06
PBF - NM Electrician Retirement Pension Fund (Local 611's own)	\$5.15 / hour	\$5.15
Local SW Health & Welfare Insurance Fund	\$6.00 / hour	\$6.00
NECA - NECA membership	0.50%	\$0.18
JATC - Joint Apprenticeship Training Committee	1.00%	\$0.35
CAF - Contract Administration Fund - CBA management, Greivances, etc.	1.00%	\$0.35
NLMCC – National Labor-Management Cooperation Committee	\$.01 / hour	\$0.01
LLMCC - Local Labor-Management Cooperation Committee	\$.02 / hour	\$0.02

Labor Burden Total Dollar Cost per hour: \$22.11

Total Cost of a Journeyman per hour: \$57.31

Labor Burden - Percent of Wages: 62.81%

<u>Labor Burden = \$22.11 / \$57.31 = 39% of total wage package</u>

The Job Estimate

-	A
	Bu Bu
1	1 1 100

	Offic	ee:		Per Month
	Rent	, or mortgage payment		\$3.365.00
	Leas	e and maintenance on:		
	1 1 (6	Copy machine		\$165.00
•	Indirect (FAX machine		\$45.00
	Jobsite	Computer, software ma	aterial	\$145.00
	Job	Telephones, 3 lines & a	a FAX line	\$310.00
	• Mo	5 Cell Phones		\$535.00
	• Ga	Misc. paper, discs, offi	ce supplies	<u>\$200.00</u>
				\$4,765.00
		e Salaries:		
	 Toc Jake 		00/wk.	\$6,000.00
	Estin	mator \$1,200.0	00/wk.	\$4,800.00
	Truc	k driver \$600.00	/wk.	\$2,400.00
	 Office (Secr 	etary \$580.00	/wk.	\$2,320.00
	• Sal Offic	ce Pension 1		\$2,265.00
	Office	e medical		\$2,108.00
	• Offpayro	oll tax, UI, FICA, TDB, et	c.	<u>\$3,289.00</u>
	• Coi			\$23,182.00
	Com	pany Vehicles:		
		s vehicle lease		\$572.00
•	Subcontrestin	nator's truck		\$375.00
	 They u^{3 Job} 	Trucks		\$1,142.00
	Flatb	ed material truck		\$495.00
	Gas t	for all vehicles 668 gal./mo	onth @ \$3.20	<u>\$2,138.00</u>
				\$4,722.00
				= \$32,669 Overhead per Month

Mark up and Profit



Mark up is the percentage of profit and overhead that would be added to the overall actual job costs to determine the final Bid.

- Direct Job Costs + Overhead and Profit = Total Cost
 Total Cost / Direct Job Cost = % Mark Up
- The percentage of mark up added to a bid can vary depending on a number of factors

<u>Profit</u> only becomes a reality if none of the above estimated cost amounts are exceeded.

Profit is the <u>ONLY</u> reason for the company's existence.

What Do You Think?



Group Activity #3

For the average Union Electrical Contractor the total Estimate costs can be broken down into the following typical percentages:

```
?% - Material
?% - Labor = ?% wages + ?% Labor Burden
?% - Jobsite Overhead
= ?% - D.J.E. or Direct Job Expenses
```

+ ? % - Company Overhead + ? % - Profit (Of the gross project price, before taxes)

Average Job Costs



Overall Job Costs - For Electrical Projects of different sizes:

12% of all start up Contractors fail within the first year! **Material** 36.2% 35.0% 32.5% Here we see the top ten reasons why: 37.2% 41.0% 32.1% **Overhead**Poor Job control – tracking performance, etc. 6) Collection difficulties 15.0% Poto Expenises 7) Inade Quate Advertiside 5% 4.0% 3) Not enough working capital **Subcontracts** 8) Inadequate Insurance 4.4% 3.8% 9) Lack of Technical Experience 4) Low Productivity 5) Repetitough Overhead money in the back 10) Frau 5 26 theft, embez 212 ment, etc. 0.8% 0.9% Taxes 0.5%

Risky Business!



3% Profit (Of the gross project price, before taxes) = 1.85% After Taxes

Example: \$1 million total job bid

X 3% profit

\$30,000 profit

\$30,000 = 3% profit

\$200,000 = cash invested

= 15% (return on investment)

(= Good Money)

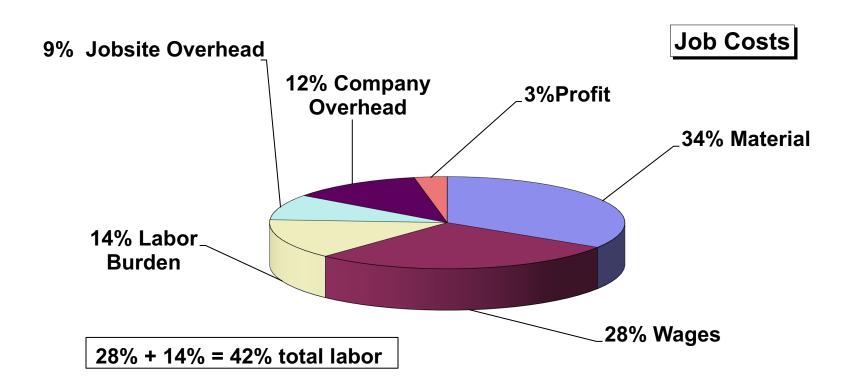
We all get a pay check every week.

- For the Contractor, however, there is no guarantee at all that he will make any money. He is the only one taking any risks on this job.
 - Is that something you would be interested in doing?
 - As Foremen we need to help them make that Profit!

What Costs Can We Control?



- As Foremen, what part of these Job Costs do we have control over?
- Which ones can we improve upon?



Lower Labor Costs = More Competitive



Estimate = Material + Labor + Overhead + Profit

- With Materials and Overhead basically being fixed costs the only way you can improve the profitability of your job is to: Save money on Labor.
- To save money on Labor we have to be more Productive: More efficient in everything we do.

Simple Job Take Offs



 During the Estimate, devices and fixtures would normally be taken off by hand for each individual electrical blueprint sheet.

 The totals would be put on spreadsheets or entered into the computer.

Take Off Tools

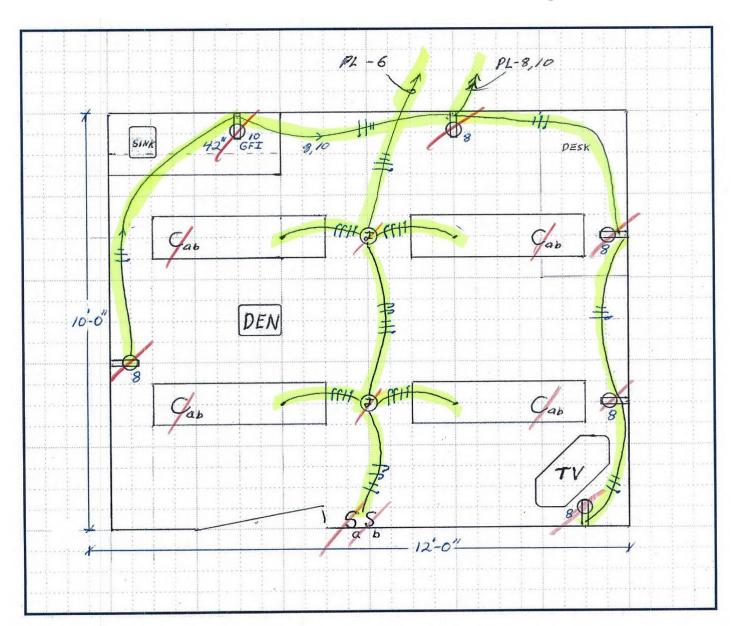








Marked Up Drawing



Typical Take-Off Sheet

The Branch of th

JOB: DRAWING: Date:

Symbol / Drawing	\bigoplus	\bigoplus	(GF	S1	S1S1	J	Type C Lights				
Sheet EP-1	5	2	1	0	0	4	0				
Sheet EP-2	10	1	4	0	0	1	0				
Sheet EL-1	0	0	0	4	1	4	6				
TOTAL	15	3	5	4	1	9	6				

To / From Take Offs



DATE:

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Foreman Take Offs?



As a Foreman you may need to do take offs in the field. Why?

- You or the Project Manager may want to double check the fixture quantities on the Estimate.
- You may need to order material for a particular piece of the project.
 - The kitchen, the 2nd floor east wing, etc.

You may want to take off all of your feeder conduit and wire using the way you are actually going to run the conduit rather than the worst case used on the Estimate.

- The Bid may have figured all overhead EMT feeders but you are going to run PVC in the slab instead.
- This will give you all the bits and pieces per run and you can include this in your bulk material buy.

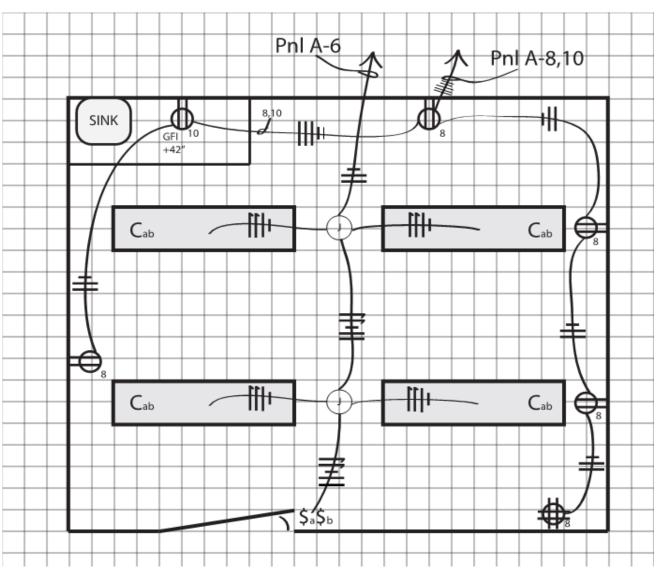


Take off the Electrical Materials Required for this Room

Scale is 2 squares = 1 foot 8' T-grid Ceiling, Metal studs @ 24" OC. Room is 20' from electrical panel Use ½" EMT & #12 THHN wire

Run EMT horizontally between boxes

Use 4 sq. boxes with 5/8" mud rings Use 6' long, ½" flex to lights Receptacles are 18" AFF. UNO Switches are 48"AFF. Home runs are overhead at 9'-6"AFF



Room Take Off



- 1) Count the symbols and enter the quantities.
- 2) Count up the number of boxes, mud rings, and blank plates that will be required based on the quantity of each of the symbols.
 - Which of the symbols will require a box? Which symbol will require a one-gang mud ring, etc?
- 3) Count the number of devices that will be required for each of the symbols.
- 4) Count the number of trim plates required for each of the symbols.
- 5) Count the footage of each type of Conduit / number of wires as shown on the drawings.
 - Count all of the three conductors and mark it off. Then count all of the four conductors, etc.
- 6) Total up the quantity of ½" EMT, #12 wire, etc.

Exercise Answers



JOB:							•	DRAWING:					Date:		
Symbol	\bigoplus	\bigoplus	GFI	S ₁	S ₁ S ₁	J	Type C Lights	Boxes	4 sq. x 1 1/2"d	1 gang x 5/8" d mudring	2 gang x 5/8" d mudring	4 sq. blank plate			
	4	1	1	0	1	2	4		9	5	2	2			
Devices	\bigoplus	GFI	S ₁					Stainless Steel Trim Plates	\bigoplus	\bigoplus	GFI	2 gang Switch			
	6	1	2						4	1	1	1			
1/2" EMT & Flex with Wire	EMT- with 3 cond.	EMT - with 4 cond.	EMT - with 5 cond.	1/2"Flex with 4 cond.				Extended Pipe and Wire	1/2" EMT	1/2" EMT Conn.	1/2" EMT Coupling	1/2" Flex	1/2" Flex St. Conn.	1/2" Flex 90 Conn.	#12 THHN
Runs	9+7+4+ 4+23'	0	6+7+4+ 27'	6'x4				Totals	91'+	18	10?	24'	4	4	457'
Total Length		0	44'	24'											
Misc:	Red and yellow wire nuts								Ceiling v	vires or 1	/4" all thre	ead to ha	ng fixture	s and Ju	nction
	Groundi	ng Pigta	ils						Wire Identification Labels?						
	Caddy C	lips - Bo	x to stud	and con	duit sup	oorts									



The extra labor costs, above and beyond the normal hourly working wage, that a Contractor must pay is called what?

LABOR BURDEN





Cutting, Patching, Bond Fees, Temporary Power may be examples of what?

STANDARD BID EXCLUSIONS



Name 1 of the 5 categories that go into a Job Estimate...

- Material
- · Labor
- Equipment
- · Overhead
- · Proffit







As a Foreman, which of the costs listed below do you NOT have control over?

A. Material

B. Man Hours / Labor

C. Jobsite Overhead

D. Labor Burden

LABOR BURDEN



Give an example of something that would be considered a JOBSITE indirect cost or overhead

- Jobsite trailer, furnishings, supplies & utilities, copying prints, parking,
- Mobilization (Move in and set up costs) & Demobilization.
- Gang boxes, toolboxes, and storage trailers
- Toilets, ice & drinking water, cups







A piece of the project that is priced separately at bid time is known as a what?

AN ALTERNATE

Project Buyout



- This is part of the Preconstruction process that takes place after the award of the bid to the General Contractor.
- The General Contractor has time to review the scope of each bid and the sub's ability to do the work along with any gaps or overlaps in price or scope of work.
- All of the bids are converted into subcontracts and purchase orders for the materials.

This should be done in an ethical and timely manner!

The Job Budget



Along with the Project Buyout, the PM will create a Job Budget:

- The money from the Estimate is juggled around into various job categories and budget line items.
 - It can be divided up by the different activities,
 by areas of the building and much more.

A Simple Job Cost Coding System



- **01 / Mobilization** Job site set up & removal: trailers, office, gang boxes, materials, etc.
- **02 / Demolition Removals and demolition**
- **03** / **Site Work** Underground, pole lights, temporary power, etc.
- **04 / Branch** Conduit, boxes and wire; up to 1".
- **05** / Feeders Conduit, boxes and wire; 1 1/4" and above.
- **06** / **Gear** Switchgear, transformers, starters, disconnects, contactors, etc.
- **07 / Fixtures** Receiving and installing any and all fixtures
- **08 / Special Systems** Security, fire alarm, PA, etc., including all conduit and wire does not include sub contractor's work.
- **09** / **Devices** Plugs and switches, trim plates, etc.
- 10 / Warranty Work

An Actual Job Budget

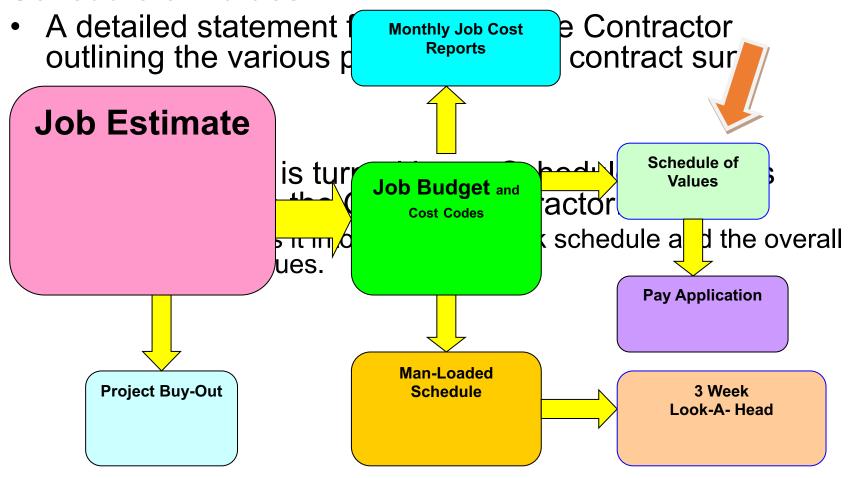


Code		Labor Hours	Labor\$\$ (\$30/ hour)	Material \$\$	Equip.	Subs	Misc.	Total Cost	OH & Profit (15%)	Contract Amount
1	Jobsite set up	20	\$600	\$500				\$1,100	\$165	\$1,265
2	Demolition	107	\$3,210					\$3,210	\$482	\$3,692
3	Site work	132	\$3,960	\$1,107				\$5,067	\$760	\$5,827
4	Branch Circuits	500	\$15,000	\$2,805				\$17,805	\$2,671	\$20,476
5	Feeders	182	\$5,460	\$7,668				\$13,128	\$1,969	\$15,097
6	Gear	66	\$1,980	\$3,000				\$4,980	\$747	\$5,727
7	Fixtures	495	\$14,850	\$98,941				\$113,791	\$17,069	\$130,860
8	Special Systems	221	\$6,630	\$3,481		\$7,500		\$17,611	\$2,642	\$20,253
9	Devices	102	\$3,060	\$683				\$3,743	\$561	\$4,304
10	Warranty Work		\$0					\$0	\$0	\$0
11	General						\$4,000	\$4,000	\$600	\$4,600
	Totals	1825	\$54,750	\$118,185	\$0	\$7,500	\$4,000	\$184,435	\$27,665	\$212,100

Schedule of Values



Schedule of Values:



Schedule of Values



	SCHE	Dl	JLE OF	VALUE	ES					
								DATE:		6/1/2016
	Boondock Electric						Prog	gress Billing No.		#06
	2266 End of the Road Lane				Сι	ıstomer:	So	corro Publ	ic S	chools
	Middle of Nowhere, NM									
Contractor:	The Best General Contractor				Pro	oject:	So	corro High S	Scho	ol Remodel
Contract No.:	2016 -22	Da	ated:	1/1/2016	Lo	cation:	So	corro, New I	Mex	ico
Description:	High School Remodel									
	DESCRIPTION				/IPLET					TOTAL
ITEM	OF WORK		ONTRACT		DAT		l	PREVIOUS		DUE
NUMBER	WORK		AMOUNT	%		AMOUNT		BILLING		IIS BILLING
1	Jobsite set up	\$	1,265.00	95%	\$	1,200.00	\$	1,200.00	\$	-
2	Demolition	\$	3,691.50	54%	\$	2,000.00	\$	2,000.00	\$	-
3	Site work	\$	5,827.05	86%	\$	5,000.00	\$	4,000.00	\$	1,000.00
4	Branch Circuits	\$	20,475.75	44%	\$	9,000.00	\$	6,000.00	\$	3,000.00
5	Feeders	\$	15,097.20	46%	\$	7,000.00	\$	5,000.00	\$	2,000.00
6	Gear	\$	5,727.00	54%	\$	3,100.00	\$	2,500.00	\$	600.00
7	Fixtures	\$	130,859.65	70%	\$	92,000.00	\$	85,000.00	\$	7,000.00
8	Special Systems	\$	20,252.65	25%	\$	5,000.00	\$	4,000.00	\$	1,000.00
9	Devices	\$	4,304.45	60%	\$	2,600.00	\$	2,000.00	\$	600.00
10	Warranty Work	\$	-	0%	\$	-	\$	-	\$	-
11	General	\$	4,600.00	0%	\$	-	\$	-	\$	-
	SUBTOTALS		212,100.25		_	126,900.00	\$	111,700.00	\$	15,200.00
	5% Retention		10,605.01		\$	6,345.00	\$	•	\$	760.00
	NET TOTAL	\$	201,495.24		\$	120,555.00	\$	106,115.00	\$	14,440.00

TO (OWNER):		PROJECT:	APPLICATION I PERIOD TO:02/		DISTRIBUTION TO: OWNER ARCHITECT CONTRACTOR
FROM (CONTRACTOR):		VIA (ARCHITECT):	ARCHITECT'S PROJECT NO:		_======================================
CONTRACT FOR:			CONTRACT DA	TE:	
CONTRACTOR'S APPL Application is made for Payment, as shown Continuation Sheet, AIA Type Document is	below, in connection with t		The Undersigned Contractor certifies that belief the work covered by this application Contract Documents, that all amounts hav Certificates for Payment were issued and	for Payment has been comp e been paid by the Contracto payments received from the	pleted in accordance with to for Work for which previous
1. ORIGINAL CONTRACT SUM	\$	120,750.00	current payment shown herein is now due.		
2. Net Change by Change Orders	\$	2,900.00	CONTRACTOR:		
3. CONTRACT SUM TO DATE (Line 1 +	2) \$	123,650.00			
4. TOTAL COMPLETED AND STORED TO			Ву:	Date:	
			By:		
5. RETAINAGE: a. 0.00 % of Completed Work	g (0.00	State of:		
			County of:		
b% of Stored Material	\$	0.00	Subscribed and Sworn to before me this	Day of	20
Total retainage (Line 5a + 5b)	\$	0.00	Notary Public:		
	88.4	**************************************	My Commission Expires :		-
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	\$	96,941.00	ARCHITECT'S CERTIFI	CATE FOR PAY	MENT
7. LESS PREVIOUS CERTIFICATES FOR		8	In Accordance with the Contract Documen prising the above application, the Architect	ts, based on on-site observa	ations and the data com-
(Line 6 from prior Certificate)	A 10-20-20-20-20-20-20-20-20-20-20-20-20-20	100000000000000000000000000000000000000	knowledge, information and belief the Wor	k has progressed as indicate	d.the quality of the work
8. CURRENT PAYMENT DUE	ANN THE RESIDENCE OF THE PARTY	27,556.00	is in accordance with the Contract Docume AMOUNT CERTIFIED.	ents, and the Contractor is e	entitled to payment of the
BALANCE TO FINISH, INCLUDING RE (Line 3 less Line 6)	=TAINAGE \$ 26,709	9.00	AMOUNT CERTIFIED	s	
CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS	(Attach explanation if amount certified diffe Application and on the Continuation Sheet	ers from the amount applied. that are changed to conform	Initial all figures on this to the amount certified.)
Total changes approved in previous months by Owner	2,900.00	0.00	ARCHITECT: By:	Date:	80
	5.5	5	-1.	Date.	7.5
Total approved this Month	0.00	0.00	This Certificate is not negotiable. The AM	OUNT CERTIFIED is payable	e only to the Contractor
TOTALS	2 900 00	0.00	named herein. Issuance, Payment and accordance of the Owner or Contractor under this		

NET CHANGES by Change Order

2,900.00

A Job Cost Report

-	A
	And Bu
2123-	1 1 100

Code		Labor Hours	Labor Costs	Labor Spent	% Labor Spent	Material \$\$	Material \$\$ Spent	% Material Spent	Contract Amount	%Total Spent
1	Jobsite set up	20	\$600.00	\$500.00	83%	\$500.00	\$700.00	140%	\$1,265.00	95%
2	Demolition	107	\$3,210.00	\$2,000.00	62%	\$0.00	\$0.00	0%	\$3,691.50	54%
3	Site work	132	\$3,960.00	\$4,000.00	101%	\$1,107.00	\$1,000.00	90%	\$5,827.05	86%
4	Branch Circuits	500	\$15,000.00	\$7,000.00	47%	\$2,805.00	\$2,000.00	71%	\$20,475.75	44%
5	Feeders	182	\$5,460.00	\$3,000.00	55%	\$7,668.00	\$4,000.00	52%	\$15,097.20	46%
6	Gear	66	\$1,980.00	\$100.00	5%	\$3,000.00	\$3,000.00	100%	\$5,727.00	54%
7	Fixtures	495	\$14,850.00	\$12,000.00	81%	\$98,941.00	\$80,000.00	81%	\$130,859.65	70%
8	Special Systems	221	\$6,630.00	\$2,000.00	30%	\$3,481.00	\$3,000.00	86%	\$20,252.65	25%
9	Devices	102	\$3,060.00	\$2,000.00	65%	\$683.00	\$600.00	88%	\$4,304.45	60%
10	Warranty Work		\$0.00	\$0.00	0%			0%	\$0.00	0%
11	General								\$4,600.00	0%
	Totals	1825	\$54,750.00	\$32,600.00	60%	\$118,185.00	\$94,300.00	80%	\$212,100.25	60%

Summary



 Do you understand the ingredients that go **Monthly Job Cost** into an Estimate er now? **Reports** Job a better Foreman t Schedule of **Estimate Values** Job is C **Budget** and Cost Codes ουι σur U nue landing nate **Pay Application** Modute - Part 2 fee advanceu **Manloaded Project** 2 Week **Schedule** inf n on t **Buy-Out** Look-Ahead **Schedule**

Does this flow chart make a little more sense now?