Pre-Bid Work

- "Bid Strategy"
- Bidding Procedures Checklist
- Local Conditions
- Bid Information
- Finding subcontractors, follow-up process, get more than you need some will drop out
- Filling out the Bid Form
- Bid Document Review & Check Sets
- Bid Tab Setup reviewing specifications and adding sections, general conditions, fee
- Bid Forms (Negotiated Projects)



Bid Strategy (What is our Insight?)

- Develop a plan on how to win the project
- How are you going to win the project?
 - Different subs
 - Better VE
 - Better Schedule
- Don't waste yours (and others) time by not having a plan



Bidding Procedures Checklist

Brinkmann

ESTIMATING/BIDDING PROCEDURES & SCORECARD

Preparation for Bid Day:

-Bid Strategy

 Have a discussion with the Project Manager/Director on what the bid strategy is going to be. We must find a way to separate ourselves from the other bidders through either Value Engineering or better subcontractor pricing.

-Bidding Documents

- Setup a P-File through the Preconstruction Department, DO NOT setup yourself. You will need the project info such as name, owner, address, & type of project. Be sure to get a yellow P-File Folder to keep job information.
- Review the bidding documents (Specification Book, Geo Report, Drawings, Phase 1, Owner Contract Form, etc.) and generate a check set if applicable. All documents should be saved in the P-File in the "Drawings" folder.
- 3. Familiarize yourself with the scope of work to be included in the bid/estimate.
- Start looking for any potential Value Engineering ideas that you may propose (check the list of standard VE on the network).
- 5 Poview the Costachnical report for enacting subsurface conditions (water table



Local Conditions:

- Union or Non-Union
- Local Taxes or Fees
- Permit Rates
- State Specific Insurance Requirements

State Specific Tax Information

Alabama

Alaska

Arizona

 Projects are taxed based on the entire contract amount at the rates located here: https://www.azdor.gov/Portais/0/TPTRates/201410.pdf. Use Business Class 015 and the county the project is located in. The taxes must be paid by the General Contractor, so taxes should be excluded from all subcontractor bids.

Arkansas

 All Contractors and Subcontractors are required to have an Arkansas License for work over \$50,000, which can take a while to get, so be aware if using traveling subcontractors.

California

 All Contractors and Subcontractors are required to have a California Subcontractor's License, which can take a while to get, so be aware if using traveling subcontractors.

Colorado

Some cities require payment of the Use Tax upfront by the General Contractor/Owner along
with the permit costs. Check with the city your project is bidding in as this could affect the
amount of taxes included in the subcontractor's bids.

https://www.colorado.gov/pacific/sites/default/files/DR1002.pdf

Connecticut Delaware District of Columbia Florida Georgia Hawaii Idaho Illinois • <u>http://www.revenue.state.il.us/TaxRates/Use.htm</u>

Indiana

lowa

Kansas



Bid Information

- Bid Date & Time
- Specific Bid Format
- Bond Requirements
- Who's the Competition
- How's the Selection Made?
- Project Schedule



Subcontractor Solicitation

- Use the phone when soliciting bidders, not just email
- Follow-Up with "Yes" bidders
- Use Material Suppliers to fill gaps and find Qualified Subs
- Accurate Call Lists

Brink	mann				F10jett.F-3522 W0	gantown 3	Student Apartments - Invited - List Seli 4/14/
oject:P-39	22 Morgantown Student Apa	rtments List S	elected				
No Kees	Advanced Masonry Inc	Tom	724-966-2636	advancedmcandc@email.com	Pennsylvania		15320 M5G 2/28
Accepted	Arch Masonry	Drew	412-564-5733	drew@archmasonry.com	Pennsylvania		15224 Will budget shafts, \$14/sf, N
	BAC1MVD	Scott Garvin	(240) 695-9463	sgarvin@baclocal1.org	Maryland	20746	
	Bragunier Masonry Contractors	Don Bragunier	(301) 842-3700			21722	
	Buckner & Son Masonry, Inc.	John Bennett	(614) 279-9777		Ohio	43228	
	Caretti Inc	Rick Olcese	(717) 737-6759			17011	
	Carlisle Masonry Construction, Inc.	Chief Estimator	(740) 966-5045		Ohio	43031	
	Cobalt Construction Co.	Roger Welton	(440) 344-7049	cci44004@gmail.com	Ohio	44004	
	Continental Cast Stone	Shaun O.	(913) 422-7575	ShaunO@continentalcaststone.com	Kansas	66227	
Accepted	Cost Company	Mick Nardozzi	(412) 271-0420	mnardozzi@costcompany.com	Pennsylvania	15221	
	Exact Match Masonry Staining, LLC	Erika Musselman	(877) 416-2824	erika.m@masonrystaining.com	Pennsylvania	17062	
	Fox & Austin Masonry & Concrete	Kent Murphy	(217) 774-3302	info@foxandaustin.com	Illinois	62565	
	Global Granite & Marble	Sean Raithel	(314) 426-1466	seanr@globalgranite.com	Missouri	63132	
	GYPSY HILL STONE, LTD.	Chris Long	(717) 299-1402	chris@gypsyhillstone.com	Pennsylvania	17603-7	000
		Scott Harris		scott@harrismasonre.com			
Accepted	Harris Masonry	Ron Supan	(412) 922-7276	con@harrismasonry.com	Pennsylvania		15220 Bidding Massaro
	IMI-SMC Masonry Contractors	Mitchell Casey	(614) 469-8338	mitchc@imi-smc.com	Ohio	43216	
	INLET PRESSURE CLEANING	James Carroll	843-251-4531	JCarroll@thebrickcleaner.com	South Carolina	29588	
	Keener, Inc	Paul Keener	(717) 697-0420			17050	
Declined	Kusler Masonry	Carolyn Kusler	(412) 279-6507	carolyn@kuslermasonry.com	Pennsylvania		15106 Too Busy
	Lang Masonry Contractors, Inc.	Mike King	(740) 749-5833		Ohio	45786	
	Leroy E Meyers	John Myers	(301) 791-9662			21740	
Accepted	Manheim	Charlie	(412) 306-0534		Pennsylvania		15220 MSG 2/28
Dectment	Marsa, Inc.	David Neuhaus	(412) 341-3400	dave@marsainc.com	Pennsylvania		15234 Too Busy
Accepted	Mardo Masonry	Geno Virgili	(724) 710-4822	mardo@mardomasonry.com	Pennsylvania		15370



Subcontractor Solicitation

- SmartBidNet, BlueBook, etc...
- Maintaining the Database
- Adding new bidders when out of town
- Updating the Contact Info
- Selecting Call Priority

Minin 4 = 4 Ø Dashtoorni Ø Vee-Ja Company Name Vee-Jay Cement Contracting Co. Organization • W Organization Select Organization • W Qualification Select Status • S	Inc Headquarters SL Louis, MO Location St. Louis, MO (HQ) Website Do Not Use OL Out States Ingle Contract Limit Expiration Date Decision Note
Location Info Projects Commun Sove Deliste	Iteations Notes Files(0) Company Prequal Company Financial Info
Physical Address -	Location
Country United States Addess 1 8035 Chives D Zig/Postal 6522 Lookes County Safet Louis County Safet Louis State Missoul Vewarders In foogle Rage.	Location Name 32. Louis, MO Pane (113) 313-1546 My Rating *****Rate: 5.0 Managed by Brithmann Construction * Internal Office Information Construction * Shared OfficesSelect Shared Office - * General Name 4/50/16 mD
Mailing Address	Licenses Add License State License Number License Class / Type Explication Date No Data Found
Company Group	Certifications Add/Change
Sub Contractor Travelers	Certification Type Cert. # Expiration Agency No Data Found
CSI 2004 • Add/Change =	Contacts Add Contacts Add Contacts Name / Email / Title Receive Phone / Fax / Mobile
03 10 00 Flatwork 03 30 00 Cast-In-Place Concrete	Marissa Ashabranner Marissa Agiveejaycement.com General Ves
03 47 13 Tilt-Up Concrete	Estimating Dept Project Yes (314) 351-3366 Get vCard (Delete cpt/29@bol.com General; Yes (314) 551-5468 Get vCard (Delete
	Company Fields Call Priority 01 - Call, Responsive & Competitive
	2

Subcontractor Pre-Qualification

 Use to help determine qualifications of subcontractor

Brinkmann
Contractor & Vendor Qualification Statement
COMPANY INFORMATION Please fill out and return to Brinkmann Constructors via email <u>bids@brinkmannconstructors.com</u> 1. Company Name:
Address: Contact Name: Phone: Fax:
E-Mail:
 5. Supplier or Contractor 6. Trade or Type of Work (list all applicable divisions and sections):
Reinkass

Bid Forms

- Filling out Owner Bid Forms
 - Do this ahead of time
 - Check the formatting and Internal Math

						NorthPoint	
						NorthPoint	
Project:	HLCS & HLCS			Ge	neral Contractor:		-
building SF:	HLC5 - 148,483 SF HLC6 - 269,545 SF			Da	te:		
Building Dimensions:	HLC5 - 260' × 572' HLC6 - 310' × 882'	21					
Building Clear Height:		2					
Site Acreage:	HLCS - 10 AC HLC6 - 20 AC	HLCS		HLC6			
SITE WORK		COST	COST/SF		OST/SF SUBCONT	RACTOR COMMENTS	
EARTHWORK Div 2200							
Demolition Mass Cut &	la la		\$ 5	- 5	1 (1)		
Mass Cut is Import/Exp		\$ 123,593 \$.	5 0.83 S	304,201 5	1.13	List Total CY: List Total CY:	_
Rock Exces	stion lation/Surcharge	S . Alternate	\$	- S ternate S	1997	List Total CY:	
Sell Stability	ation	NIC	5 - N	C 5			
Earthwork Temporary	Misc., Fine Grading, Etc. Boarts	5 48,375	\$ · \$ \$ 0.33 \$	63,560 5	0.24		
SWPP	194100	\$ 5,000	\$ 0.00 \$	5,000 \$	0.02		_
Other EARTHWOR	K TOTAL	\$ 13,650 \$ 190,618		15,850 S 389,011 S	0.26		_
ASPHALT PAVING Div 2400							
	y Asphalit Paving Asphalit Paving	\$ 294,000	\$ 1.98 S	476,870 5	1.77	List Pavement Section & Qty: List Pavement Section & Qty:	
Access Road	i Asphalt Paving	5 .	\$	- 3	1.22	Last Pavement Section & Qty:	_
Striping Wheel Stop		Inc NIC	5 · 5	1,700 \$	0.01		_
Signage		linc .	5 5	1,500 \$	0.01		_
Other ASPRALT P	AVING TOTAL	\$ 294,000	5 · 5 5 1.98 5	480,070 \$	5,78		_
SITE CONCRETE DIV 2500							
Dack Apren Daily Pads		5 216,626	\$ 1.45 S	344,826 \$	1.28	List Section: List Section:	_
Concrete Pr	pring	\$.	\$. 5			List Section:	_
Concrete Pr Concrete Si	itios, etc. dewalks	5 -	5 . 5	- 5			_
Concrete Co Johnt Sealar	arbs		s · s	- 5	1 00402		
Other		\$.	\$. \$	- 5			-
SITE CONCI	RETE TOTAL	\$ 216,626	\$ 1.46 \$	344,826 \$	5.28		
UTILITIES							
Div 2600 Site Water	Wain - Complete System	5 118,300	s 0.80 S	182,350 \$	0.68		-
Site Fire Lo	op - Complete System	5	5 . 5	- 5	0.18		
Sanitary Ser Storm Seve	rs & Roof Leaders	\$ 269,552	\$ 1.82 \$	352,682 5	1.30		-
Storm Dete Gas Service	ntion/Retention/Water Quality	\$ 89,284	\$ 0.60 S	174,192 5	0.65		_
Electric Ser		3 .	5 . 5	- 5			_
Phone & Da Other	ta Services	\$.	s · s	- 5			
UNLINES	OTAL	\$ 482,811			2.80		
SITE IMPROVEMENTS							
Div 2700 Site Lightin		3	5 . 5	- 5			-
	sures/Dumpster Screens	\$.	\$	25,773 5	0.11		
Guard Rail			s · s	- 5			
Pipe Bollan Retaining V		\$.	5 5	· 5 714.280 5	0.72		_
Flag Poles		5	3 2 3	- 3	50.76		_
Monument 1	Sign	\$.	\$. 5	- 5			

Bid Document Review / Check Set

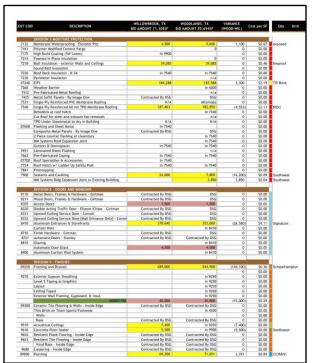
- Important to know what you're bidding
- Yellow and Red Colored Pencils
- Do this with you Bid Tab open, add items as needed
- Full size set of drawings

 Bidding a project successfully requires a comprehensive understanding of the project.



Bid Tab Setup

- Do it early
- Start by going through the spec, adding line items
- Add items as you do your check set
- Hide rows of items that don't apply to the project
- Identify the file version, "-GMP, -SUBMITTED"





Bid Forms

- Must go out with every negotiated project, for every scope
- Helps with unit pricing sheets
- Used to evaluate accuracy of bidders

Bi	d Proposal				
03-B	Building Concrete				
	Project Name: Uncommon Flagstaff	Bid Due Date:		9/16/2	2019
	Location: Flagstaff, AZ	Dis Dote Date.		20100	
	Submitted By:		Date:		
	Company Name		Phone		
	Email		Fax:		
Furni	ish all labor, material, equipment, safety protection, insurance	e, and taxes necessar	y to provide complete a	II Concret	a and Foundation work in
acco	rdance with plans, specifications, bid documents and bid ins	tructions.			
Four	rdations		Total Base Bid:	\$	
1)	Foundation Excavation	CY	@\$ /	CY	- s
2)	Provide approximate Spoils Quantity:	CY	~~/		
3)	Footing for Perimeter Foundation Wall at LL2 & LL1	CY	@\$	CY	= \$
4)	2-Sided Perimeter Foundation Walls at LL2 & LL1 (See Alternates Section)				Included as CMU in Base Bid
5)	Perimeter CMU Wall Footing at L1	CY	@\$/	CY	= \$
6)	Spread at Mat Footings (Not including continuous wall footing listed above)	CY	@\$/	CY	= \$
7)	Vertical Elevator, Stairs and Shear Walls at LL2 & LL1 (include forming, reinforcing, concrete, and finishing)	CY	@\$/	CY	= \$
8)	Vertical Elevator, Stairs and Shear Walls at L1, L2 & L3 (include forming, reinforcing, concrete, and finishing)	CY	@\$/	CY	= \$
9)			@\$/		= \$
Flatv	vork				
10)	4" Rock Base Material for Slab on Grade	SF	@\$/	SF	= \$
11)	4* Slab on Grade	\$F	@\$/	SF	- \$
12)	Fill Bollards	25 EA	@\$/	EA	= \$
13)	Equipment Pads for mechanical units	4,000 SF	@\$/	SF	= \$
14)			@\$		= \$
Eleva	ated Decks				
15)	Elevated Mildly Reinforced Concrete Decks & Columns at LL1 (Include all forming, reinforcing, concrete, finishing, and reshoring)	5P	@\$/	SF	= \$
	Elevated Mildly Reinforced Concrete Decks & Columns at L1 (Include all forming, reinforcing, concrete, finishing, and	SF	@\$	SF	- \$

Bid Forms

- List alternates and value engineering ideas
- Establish schedule for use in subcontract writing
- Require completed bid forms
 prior to buy-out meeting

			1000		
21		SF@\$			
~		FLR @\$			
10		SF @ \$			
11					s
12	Set, Fill, & Finish Pipe Bollards	EA @ \$	/EA	•	\$
AL	TERNATES				
1)	Square Concrete Column Wrap @ Garage (D	etail 7/A2.3.1)			
		EA @\$	/EA		s
2)	Haul-Off of Spoils in Lieu of Stockpiling				
	Winter Concrete Premium				s
- *	Winter Protection of Concrete (Blankets)				
	Credit to Swap Epoxy Rebar at 2 nd Floor Sla	and the second			1970 - C. 1970 -
					\$
6)	Credit to Eliminate Corrosion Inhibiter at 2	^{id} Floor Slab on Deck	Lump Sum	•	s
	Grade Beams/Pier Caps : Days				
2.	1 st Floor Slab on Grade : Days				
2.	1" Floor Slab on Grade : Days Slab on Deck 2"d : Days				
2. 3. 4.	1 st Floor Slab on Grade : Days Slab on Deck 2 nd : Days Slab on Deck 3 nd : Days				
2. 3. 4. 5.	1 st Floor Slab on Grade : Days Slab on Deck 2 nd : Days Slab on Deck 3 ^{stf} : Days Slab on Deck - Pool: Days	Due per Fleer			
2. 3. 4. 5.	1 st Floor Slab on Grade : Days Slab on Deck 2 ^{std} : Days Slab on Deck 3 ^{std} : Days Slab on Deck - Pool: Days Typical Slab on Deck 4 ^{sth} - 10 th :	Days per Floor			
2. 3. 4. 5.	1 st Floor Slab on Grade : Days Slab on Deck 2 nd : Days Slab on Deck 3 ^{stf} : Days Slab on Deck - Pool: Days	Days per Floor			
2. 3. 4. 5. 6. 7.	1 st Floor Slab on Grade : Days Slab on Deck 2 ^{std} : Days Slab on Deck 3 ^{std} : Days Slab on Deck - Pool: Days Typical Slab on Deck 4 ^{sth} - 10 th :	Days per Floor			
2. 3. 4. 5. 6. 7. <u>SP</u>	1 st Floor Slab on Grade : Days Slab on Deck 2 st : Days Slab on Deck 3 st : Days Slab on Deck - Pool: Days Typical Slab on Deck 4 th - 10 th : Slab on Deck Roof : Days				
2. 3. 4. 5. 6. 7. <u>SP</u> 1)	1 st Floor Slab on Grade : Days Slab on Deck 2 st : Days Slab on Deck 2 st : Days Slab on Deck 4 st : Days Typical Slab on Deck 4 st : Days	ed. evations, sub-base			
2. 3. 4. 5. 6. 7. <u>SP</u> 1) 2)	1 st Floor Slab on Grade : Days Slab on Deck 2 rd : Days Slab on Deck 2 rd : Days Slab on Deck - Pool: Days Slab on Deck 4 rd · 10 rd : Slab on Deck 4 rd · 10 rd : Slab on Deck Root : Days EELIFIC INSTRUCTIONS. Includes all holisting of materials as requiri Includes all excavation from subgrade aborteries, water stores, insulation, setting	ed. evations, sub-base of embeds/anchor b s as listed in the Bidd Finished Spaces Onl	olts, grouting o ding Document y) at 1 st floor si	of b	ase plates, etc. for uch as, but not limite , ramps and slab-step
2. 3. 4. 5. 6. 7. SP 1) 2) 3)	1 th Floor Slab on Grade : Days Slab on Deck 2 th : Days Slab on Deck 2 th : Days Slab on Deck 4 th : Days Edit C INSTRUCTIONS Includes all eccavation from subgrade ell eccavation (setting complete concrete scope of work. Includes all conditions of rolab point concludes in those barrier (under 11 th floor slab. Days (and 11 th	ed. evations, sub-base of embeds/anchor b s as listed in the Bid Finished Spaces Onl floor slab, 4,500 PSI	olts, grouting o ding Document y) at 1 st floor si	of b	ase plates, etc. for uch as, but not limite , ramps and slab-step

Br

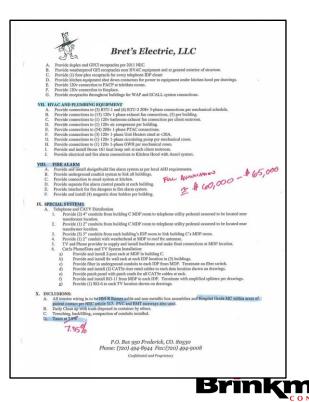
Bid Review Process

- If received via email, be sure to print the email and attach to the back of the bid
- Correct Project?
- Per Plans and Specs?
- Reference Addendums (if necessary)
- Copy Complete Price to the front page

	Bret's Electric	, LLC \$ 525,077
Project: N	ew Dawn - Fort Collins, Colorado	May 16, 2013
drawings a	ow is our scope of work and pricing for the project listed above. Our lated 1.17.13 by Lantz-Boggio Architects and JCAA Engineering. (# information is proprietary and confidential and may not be disclose	ddendum 1, 2and 3, and the 2011 National Electrical
INCLUSI	ONS:	
A. B. 1 C. 1 D. 1	PORARY SERVICES Provide (1) 200a 3-phase temporary service from Utility provider try Provide conscious of (1) construction office trailer on site. Provide (1) temporary power panels per bldg for construction use. Provide temporary lighting to meet OSHA minimum standards withit espective trade.	
IL SERV	ICE EQUIPMENT	
A. 1. 2. 3. 4. 5.	Provide and install (3) 150A automatic transfer switch at each b Provide and install Remote Annunciator panels at building C. Provide and install emergency EPO at generator.	uilding's emergency HM panel.
	Distribution Gear	
1.		suilding.
3.		
4.		at each building.
6.	Provide and install 600A rated MLO 3R GSB at generator CMI	J wall.
7.		
III. SERV	ICE FEEDERS	
A. P	rovide and install 3-phase feeders from utility transformer. Route a	Il service feeders per One-line from transformer locat
	ear generator. rovide and install aluminum feeders as shown on feeder schedule.	
	rovide and install main service bonding as per 2011 NEC.	
IV. SITE	ELECTRICAL	
A. P.	rovide 120V power to irrigation controller at one building. Provide rovide and install lighting as per Addenda 2 sheet E1.0. All circuitr	2" PVC sleeve into building for irrigation control.
ti	meclock, contactors and photocell within each building.	
C. P. D. P.	rovide 120v power to (12) gate locations fed from local building's E rovide 120V power to (2) monument signs	M panel.
V BUILT	DING LIGHTING	
A. P.	rovide lighting fixtures as specified on Addenda 2 sheet E0.5.	
B. P.	rovide lighting control for site as: Time Clock, contactors and Photo adscape lighting.	cell for control of site, building perimeter and
C. F	ag pole light allowance (addenda 2) to be carried by GC.	
D. A	Il lighting to be controlled by local wall switches, occupancy sensor	s, or lighting control when applicable.
VI. BUILI	DING POWER	
	P.O. Box 950 Frederick, CO	0. 80530
	Phone: (720) 494-8944 Fax:(72	
	Confidential and Proprietor	7

Bid Review Process

- Taxes included?
- Exclusion or Deviations?



Bid Review Process

 Look for Specific Items to Generate Questions

	1.
	Bret's Electric, LLC
EN	ICLUSIONS:
We	 art Blettrick explorite relative following items from our gropped cope of wet: A remore concerns a spath contracticutor, regular of dipodal (including pole bases, equipment path, densition, etc.) BitPlettrick on a spath contracticutor, regular of dipodal (including pole bases, equipment path, densition, etc.) BitPlettrick on the spath contracticutor, regular of dipodal (including pole bases, equipment path, densition, etc.) Charl Arming the Ar-bitBit and continuities BitPlettrick on the Ar-bitBit and contentiation distribute; BitPlettrick on the analysis of the ana
Sin	head, you can provide will be greatly appreciated. This you a value of the second sec
	P.O. Box 950 Prederick, CO. 80530 Phone: (720) 494-8944 Fac:(720) 494-9008 Confidential morphismy



Sub Bid Analysis

- Should be done for all scopes of work
- Helpful to quickly compare large scopes
- Should be typed up for negotiated projects

Brin	CONS	TRUCI	ORS			SUB BID ANALYS		
Project Name:	Rise Apartments							
Bid Date:	2/11/2016		CSI Divisi	on: Structural Ste				
Company	Estim	ate	Wilson's Steel & A	BH Erectors	Ben Hu	r (
Crane Assumptions			Tower C	ane	Tower Crane			
Scope of Work	QUANTITY	<u>COST</u>	QUANTITY	COST	QUANTITY	COST		
Furnish:	\$2,828,800	-	\$2,771,290	\$1,810 /TON	\$2,447,163	\$1,532 /TON		
Structural Steel	1,183 TONS	\$2,070,250	1,194 TONS	\$2,160,871	1,227 TONS	\$1,879,713		
Steel Decking	202,000 SF	\$212,100		\$188,890	202,000 SF	\$193,000		
Steel Pan Stairs	36 FLIGHTS	\$198,000	36 FLIGHTS	\$178,476	36 FLIGHTS	\$173,000		
Stairs Railings/Handrail			645 LF + 436 LF	Incl. Above	562 LF + 480 LF	Incl. Above		
Misc. Steel (105)	118 TONS	\$144,000		Incl. Above		Incl. Above		
Shop Drawings/Engineering	230,000 SF	\$138,000		\$176,604		\$135,000		
Welded Studs			28,684 EA	Incl. Above	28,819 EA	Incl. Above		
Bollards	25 EA	56,250	None Incl.	56,250	None Incl.	\$6,250		
Safety Cable Removal		\$10,000	By GC	\$10,000	By GC	510,000		
Connection Engineering		\$25,000	By GC	\$25,000	By GC	\$25,000		
Window Washing Supports	72 EA	\$25,200	By GC	\$25,200	By GC	\$25,200		
Erection:	\$1,997,202	-	\$1,810,060	-	\$1,890,661			
Structural Steel	230,495 SF	\$1,071,802		\$732,775		\$975,861		
Hoisting Equipment Necessary	By GC	\$498,800	By GC	\$498,800	By GC	5498.800		
Sub-Part R Requirements	By GC	525.000	By GC	525,000	By GC	\$25,000		
Steel Decking	202,000 SF	\$282,800		\$421,810		\$268,000		
Steel Stairs	36 FLIGHTS	\$90,000		\$112,275		\$96,000		
Window Washing Supports	72 EA	528,800		\$19,400		\$27,000		
		\$65,000		\$56,320		\$62,260		
TOTAL COST	_	\$ 4,891,002		\$ 4,639,480		\$ 4,401,616		
Comparison of Low Bid	-		5,401	\$ 237,864	0.00%	\$.		
Unit Pricing								
6' Pipe Bollards - 7' Long			Each	\$125	Each	\$250		
Welded Studs - \$/50 Each			Each	\$174	Each	\$275		
Pre-Cast Concrete Stairs Column Splice Detail 4			bbA	No Bid \$140	bbA	\$55,000		
Lotumn splice Detail 4			bbA	5140	Add	\$105		
Schedule								
2nd Floor - Ready to Pour			28 Days		20 Days			
3rd Floor			36 Days		30 Days			
4th	-		47 Days	-	42 Days			
Sth			51 Days		54 Days			
6th	-		61 Days		66 Days			
7th			66 Days		78 Days			
8th 9th	-		75 Days 78 Days		90 Days 102 Days			
9th 10th						Done with Crane		
1007			86 Days		114 Days	Done with Crane		



Sub Bid Analysis

• For hard bid projects, can be done by hand

Br	inkmann								ct Name:	PROJECT NAME				TRADE / SCOPE OF W
									oject #:	1			t Code:	
	-constructors							Cit	y/State:	City, State		Building Size		145,625
													creage:	1
												Uait	Count:	0
TRADE	TRADE / SCOPE OF WORK	Brinkmann Budget		SUB #1		SUB #2	-	SUB #3		SUB #4	-	SUB #5	-	SUB #6
ESTIMATE:	\$ 20,000		contac		contact		contact		contact		contact		contact	
LOW SUD:	\$ 12,500		phone		phone		phone		phone		phone		phone	
DELTA:	\$ 7,500		email		email		email		email		email		email	
	TRADE / SCOPE OF WORK													
	BASE BID (FALUMP SUM)			s –		s –		s –						
	- SCOPE OF WORK		(Y/N)		CY/NI		(Y/N)		CY/N0		(YiN)		(Y/N)	
1 Sec	ope kem #1	\$5,000	У	\$0	9	\$5,000	n	\$12,500	9		n		9	
2 Sec	ope kem #2	\$5,000	n	\$5,000	9	\$2,500	n		9		n		- y	
- 3 Soc	opeltem#3	\$5,000	y	\$7,500	y.	\$3,500	n		9		n		9	
4 Soc 5	ope kem #4	\$5,000	у	\$5,000	y	\$3,500	n		9		n		у	
6							-							
1														
8														
9														
10														
11														
12														
13							-							
5			-											
16														
17														
18														
13														
20			-				-							
21			-				-							
22			-				-							
	novledgement of Addenda		-		-		-							
25 Ver	ify Applicable Tax Rate													
	TOTAL EVALUATED BID VALUE	\$ 20,000		17,500	•	14,500	•	12,500	•	-		-	\$	
	NGROSS SF	\$ 20,000	-	\$0.12		\$0,10		\$0.08		\$0.00		\$0.00		\$0.00
	#IDHUSS SF \$/ACRE	\$20,000	-	\$17,500	-	\$14,500	-	\$12,500		\$0	-	*0.00		\$0
	\$UNT	\$0	-	\$0	-	\$0	-	\$0		\$0	-	\$0		\$0
DEL	TA FROM BRINKMANN ESTIMATE/CONTRACT	\$ -	\$	(2,500)	*	(5,500)	*	(7,500)	*	(20,000	1 #	(20,000)	*	(20,0
						(3,300)					41 V	(20,000)	-	(12,5
000	DELTA FROM LOW BIDDER	Not Applicable	\$	5,000		2,000			\$	(12,500		(12,500)		



Post-Bid

- Give the bid book to Miranda Hill
- Buy-out meetings (covered under Operations)
- Bid Results only after scope is bought-out and awarded to a sub, notify the unsuccessful bidders
- Bid Results Provide honest results, percentages are best

