

Scope: BP No. C - Structural Steel

Job Name: School of Phan

Bid Date: 4/30/09 2 PM

	Low Bidder	Bratton Corp.	Builders Steel Co.	Doherty	KC Structural Steel Company	Midland Steel	Schuff Steel Co. - Midwest Division	Lico Steel
		816-363-1014	816-471-1626	913-557-9200	816-924-0977	785-989-4442	913-677-2485	816-356-8990
		Ash Patel	Rusty Krueger	Mark Dunaway	Mike Bennett Ken Clevenger	Doug Bibens	Dusty Roach	Lee McNutt
Addendum No. 1		X	X	X	X	X	X	X
Addendum No. 2								
Addendum No. 3								
Tax Exempt?			Y					
Base Bid	\$1,193,000	\$1,450,000	\$1,193,000	\$1,284,400	\$1,387,069	\$1,689,500	\$1,358,883	\$1,402,500
1. All labor, materials, equipment, related accessories and appurtenances required for complete structural steel installation per contract documents.			Y					
2. All necessary overtime to meet project schedule.			Y					
3. Protection of existing work, utilities, structures, trees, and other landscaping in areas affected by work.			Y					
4. All required layout applicable to this scope of work from benchmarks provided by JE Dunn. <small>Add No. 1</small>			Y					
5. Complete fabrication and erection of all structural steel, including but not limited to columns, beams, metal joists, and metal deck. <small>Add No. 1</small>			Y					
6. All work associated with connections, including, but not limited to bolts, anchors, and design for structural steel. All designing of structural steel connections, including drawings and calculations properly sealed by a Professional Engineer registered in the State of Kansas. <small>Add No. 1</small>			Y					
7. All pour stops and edge of deck framing. All building exterior perimeter pour stops are to be 3/8" bent plates. Dimension from the centerline of beam to edge of slab pour stop is 6". All interior pour stops are to be 1/4" bent plates. <small>Add No. 1</small>			Y					
8. All concrete embeds related to structural steel framing. <small>Add No. 1</small> All Embeds shall have a 3/16" holes for attachment to formwork. Embeds are to be detailed and furnished to the Concrete Subcontractor for installation.			Y					
9. All base plates and anchor bolts. Anchor bolts to be 1/2" diameter, threaded anchor rods, 4 per column, embed 12", overall length 18". Embedded anchor bolts indicated for this scope of work shall be detailed and furnished to the Concrete Subcontractor for installation. <small>Add No. 1</small>			Y					
10. All framing and openings for roof top equipment, roof hatches, and roof penetrations to be 4" x 4" x 1/2" angle. Include 26 for bidding purposes. <small>Add No. 1</small> These penetrations shall be coordinated with roofing, mechanical, electrical, and plumbing.			Y					
11. Provide all stairs, landings, handrails, guardrails, and associated accessories including, but not limited to, stair openings between grid lines 4&5 – G&K (West Stair), 18&19 – A&F (East Stair).			Y					
12. All canopy framing indicated on structural framing drawings (Bid Package C). <small>Add No. 1</small>			Y					
14. Engineered shop drawings and calculations, provided in phases/sequence necessary to meet the construction schedule or as directed by the construction manager.			Y					
15. Allow for erection of structural steel in phases/sequence necessary to meet the construction schedule or as directed by the construction manager.			Y					
16. Provide fully coordinated 3-Dimensional Model for use in structural, mechanical, and electrical coordination drawings per Front-end Specification Section 00840, including, but not limited to all columns beams, connections, joists, and deck. <small>Add No. 1</small>			Y					
17. Provide shop painting, primer and touch-up painting where required, including all field welds.			Y					
19. Provide necessary access for any required 3 rd party testing and inspections.			Y					
20. Coordinate delivery, unloading, and laydown area with Construction Manager.			Y					
21. All testing and inspections shall be coordinated through the Construction Manager. Costs associated with any re-testing methods and/or re-inspections required due to failure to meet local building codes or specifications will be the responsibility of the subcontractor.			Y					
22. Include an allowance of 25 additional tons of structural steel framing.			Y					
24. All required traffic control and flagmen for delivery and staging of material.			Y					
25. All pavement clean-up resulting from this work as required or directed.			Y					
26. Provide proposed schedule of shop drawing package submittal and approval dates along with proposed erection sequence and schedule. Package submittal dates provided will be reviewed with design team to evaluate multiple package submittals in lieu of singular submittal requirement indicated in specification 051200-1.3.A.1. <small>Add No. 1</small>			Y					
Exclude the following scope:								
1. Sales Tax			Y					
2. General Liability Insurance premiums. See section 000830 – Controlled Insurance Program Manual.			Y					
3. Grouting of base plates.			Y					
4. Light gauge metal framing.			Y					
5. Hoisting			Y					
TOTAL BASE BID	\$1,193,000	\$1,450,000	\$1,193,000	\$1,284,400	\$1,387,069	\$1,689,500	\$1,358,883	\$1,402,500
Difference Between Low Bid	\$0	\$257,000	\$0	\$91,400	\$194,069	\$496,500	\$165,883	\$209,500
VOLUNTARY ALTERNATES								
1. DEDUCT: Eliminate 3-Dimensional Model per Scope of Work Item No. 18.		\$0	\$0	\$0	\$0	\$0	\$0	(\$5,000)
ACCEPTED ALTERNATES								
1. None								
TOTAL ACCEPTED ALTERNATES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,193,000	\$1,450,000	\$1,193,000	\$1,284,400	\$1,387,069	\$1,689,500	\$1,358,883	\$1,402,500

Unit Pricing									
1a. Misc. Steel: detailing, fabrication, and erection. Add/Ton									
1b. Misc. Steel: detailing, fabrication, and erection. Deduct/Ton									
2a. Steel Framing: detailing, fabrication, and erection. Add/Ton		\$2,300	\$2,400	\$1,638	\$2,542	\$3,100	\$2,500	\$2,252	
2b. Steel Framing: detailing, fabrication, and erection. Deduct/Ton		\$1,800	\$2,400	\$1,638			\$1,800		
3a. Provide and Install Seismic Angle at CMU Walls. Add/Each		\$80	\$100	\$50	\$45	\$26	\$30	\$65	
3b. Provide and Install Seismic Angle at CMU Walls. Deduct/Each		N/A	N/A	N/A	N/A	N/A	N/A	N/A	
4a. Provide Galvanized Sch. 40 6" Dia. by 8'-0" Pipe Bollard. Add/Each		\$230	\$260	\$174	\$205	\$130	\$300	\$165	
4b. Provide Galvanized Sch. 40 6" Dia. by 8'-0" Pipe Bollard. Deduct/Each		N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5a. Provide Galvanized Sch. 40 8" Dia. by 8'-0" Pipe Bollard. Add/Each		\$320	\$350	\$245	\$305	\$160	\$400	\$230	
5b. Provide Galvanized Sch. 40 8" Dia. by 8'-0" Pipe Bollard. Deduct/Each		N/A	N/A	N/A	N/A	N/A	N/A	N/A	