

April Board Meeting Release Package

Glendale Community College – New Science Building
Glendale, CA | April 07, 2021



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April Board Meeting Release Package

Glendale Community College – New Science Building
Glendale, CA | April 07, 2021

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1. Exhibit “F” – April Board Meeting Release Package

EXHIBIT
“F”

EXECUTIVE SUMMARY

Glendale Community College - New Science Building

April Board Mtg Release Package

Project Information

Client	Glendale Community College
Project	Glendale Community College - New Science Building Glendale, CA April Board Mtg Release Package
Architect	HMC
Estimator	JM / SZ
Estimate Id	
Project Duration	
Date	7-Apr-21
Building Type	

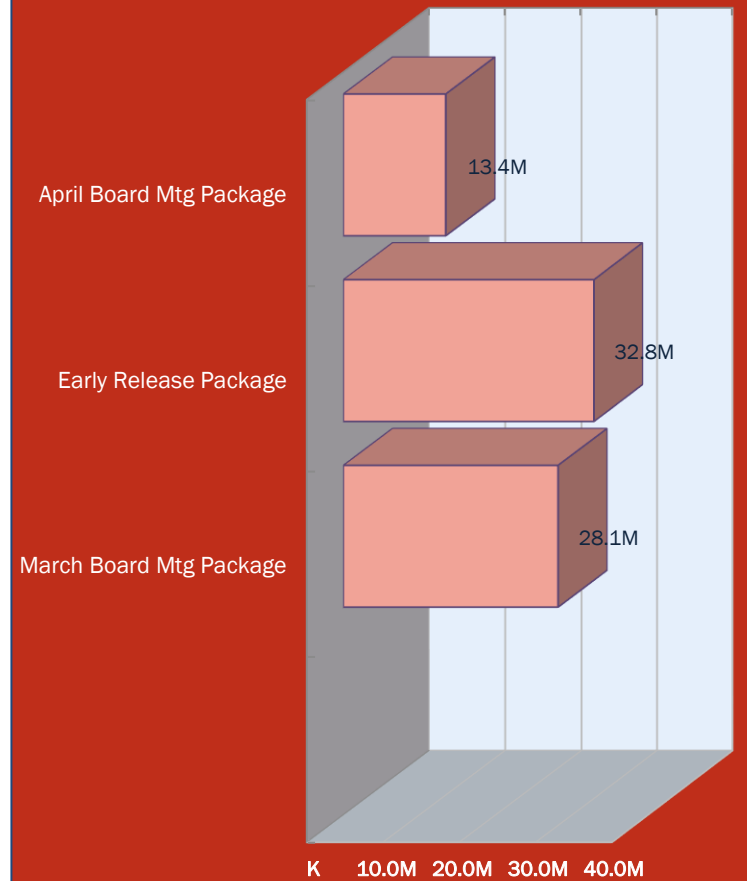


Construction Area 115,570 SF

Project Costs Summary

PROJECTED CONSTRUCTION COSTS	\$710.04 /SF	\$82,059,742
GCC - Change Order Allowances	\$28.12	\$3,250,000
TOTAL	\$738.17 /SF	\$85,309,742

SYSTEMS SUMMARY



SYSTEMS SUMMARY

Glendale Community College - New
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

Code	Description		Cost / SF	Total
	April Board Mtg Package		\$115.98	\$13,404,256
	Early Release Package		\$283.90	\$32,810,061
	March Board Mtg Package		\$243.16	\$28,102,271
TOTAL			\$643.04	\$ 74,316,588
	Construction Contingency	3.00%	\$19.29	\$2,229,498
	SDI Insurance	1.08%	\$6.98	\$806,266
	Fee	3.86%	\$24.85	\$2,872,064
	GC Insurance: Traditional	0.00%	\$8.88	\$1,025,737
	Builders Risk	0.48%	\$3.56	\$411,193
	Payment & Performance Bond	0.47%	\$3.45	\$398,396
PROJECTED CONSTRUCTION COSTS			\$710.04	\$ 82,059,742
	GCC - Change Order Allowances	3.96%	\$28.12	\$3,250,000
TOTAL			\$738.17	\$ 85,309,742

WBS 3 BY BID PACKAGE CROSSTAB REPORT

Glendale Community College - New Science Building
 Glendale, CA

Glendale Community College - New Science Building
 April Board Mtg Release Package

Estimate No.:
 Date: April 07, 2021

Construction Area: 115,570 SF

BidItem	April Board Mtg Package 115570 sf		Early Release Package 115570 sf		March Board Mtg Package 115570 sf		Total Amount	Total Cost/SF
	Amount	Cost/Unit	Amount	Cost/Unit	Amount	Cost/Unit		
01720-Survey	\$0	\$0.00	\$87,200	\$0.75	\$0	\$0.00	\$87,200	\$0.75
02250-Shoring, Piles, & Earthwork	\$0	\$0.00	\$4,804,000	\$41.57	\$0	\$0.00	\$4,804,000	\$41.57
02500-Site Utilities	\$0	\$0.00	\$1,328,251	\$11.49	\$0	\$0.00	\$1,328,251	\$11.49
02775-Site Concrete	\$1,141,180	\$9.87	\$0	\$0.00	\$0	\$0.00	\$1,141,180	\$9.87
02900-Landscaping	\$305,572	\$2.64	\$0	\$0.00	\$0	\$0.00	\$305,572	\$2.64
03300-Concrete & Reinforcing Steel	\$0	\$0.00	\$0	\$0.00	\$4,875,721	\$42.19	\$4,875,721	\$42.19
05120-Structural Steel	\$0	\$0.00	\$7,841,600	\$67.85	\$0	\$0.00	\$7,841,600	\$67.85
05500-Misc Steel	\$877,200	\$7.59	\$0	\$0.00	\$0	\$0.00	\$877,200	\$7.59
07100-Waterproofing	\$0	\$0.00	\$291,840	\$2.53	\$0	\$0.00	\$291,840	\$2.53
07210-Insulation	\$203,700	\$1.76	\$0	\$0.00	\$0	\$0.00	\$203,700	\$1.76
07250-Fireproofing	\$588,134	\$5.09	\$0	\$0.00	\$0	\$0.00	\$588,134	\$5.09
07410-Metal Panels & Sheet Metal	\$0	\$0.00	\$0	\$0.00	\$1,996,000	\$17.27	\$1,996,000	\$17.27
07500-Roofing	\$861,990	\$7.46	\$0	\$0.00	\$0	\$0.00	\$861,990	\$7.46
08100-Doors Frames Hardware	\$586,800	\$5.08	\$0	\$0.00	\$0	\$0.00	\$586,800	\$5.08
08400-Exterior Glazing Systems	\$0	\$0.00	\$0	\$0.00	\$2,399,000	\$20.76	\$2,399,000	\$20.76
09200-Plaster	\$0	\$0.00	\$0	\$0.00	\$1,641,056	\$14.20	\$1,641,056	\$14.20
09260-Drywall	\$6,176,000	\$53.44	\$0	\$0.00	\$0	\$0.00	\$6,176,000	\$53.44
09300-Tile	\$412,400	\$3.57	\$0	\$0.00	\$0	\$0.00	\$412,400	\$3.57
09400-Terrazzo	\$145,425	\$1.26	\$0	\$0.00	\$0	\$0.00	\$145,425	\$1.26
09510-Acoustical Ceilings	\$798,775	\$6.91	\$0	\$0.00	\$0	\$0.00	\$798,775	\$6.91
09670-Epoxy Flooring	\$375,880	\$3.25	\$0	\$0.00	\$0	\$0.00	\$375,880	\$3.25
09680-Flooring	\$531,200	\$4.60	\$0	\$0.00	\$0	\$0.00	\$531,200	\$4.60
11600-Lab Equipment	\$0	\$0.00	\$0	\$0.00	\$3,074,712	\$26.60	\$3,074,712	\$26.60
14200-Elevators	\$0	\$0.00	\$841,481	\$7.28	\$0	\$0.00	\$841,481	\$7.28
15300-Fire Protection	\$0	\$0.00	\$0	\$0.00	\$948,300	\$8.21	\$948,300	\$8.21
15400-Plumbing	\$0	\$0.00	\$0	\$0.00	\$4,610,260	\$39.89	\$4,610,260	\$39.89
15500-HVAC	\$0	\$0.00	\$0	\$0.00	\$8,432,222	\$72.96	\$8,432,222	\$72.96
16000-Electrical	\$0	\$0.00	\$8,664,499	\$74.97	\$0	\$0.00	\$8,664,499	\$74.97
18000-Allowances	\$400,000	\$3.46	\$275,000	\$2.38	\$125,000	\$1.08	\$800,000	\$6.92
19154-Hoist/Crane	\$0	\$0.00	\$1,595,974	\$13.81	\$0	\$0.00	\$1,595,974	\$13.81
19200-General Requirements	\$0	\$0.00	\$469,909	\$4.07	\$0	\$0.00	\$469,909	\$4.07
19250-General Conditions	\$0	\$0.00	\$6,610,307	\$57.20	\$0	\$0.00	\$6,610,307	\$57.20
SUB TOTAL	\$13,404,256	\$115.98	\$32,810,061	\$283.90	\$28,102,271	\$243.16	\$74,316,588	\$643.04



WBS 3 BY BID PACKAGE CROSSTAB REPORT

Glendale Community College - New Science Building
 Glendale, CA

Glendale Community College - New Science Building
 April Board Mtg Release Package

Estimate No.:
 Date: April 07, 2021

Construction Area: 115,570 SF

BidItem	April Board Mtg Package 115570 sf		Early Release Package 115570 sf		March Board Mtg Package 115570 sf		Total Amount	Total Cost/SF
	Amount	Cost/Unit	Amount	Cost/Unit	Amount	Cost/Unit		
Construction Contingency	\$402,128	\$3.48	\$984,302	\$8.52	\$843,068	\$7.29	\$2,229,498	\$19.29
SDI Insurance	\$145,424	\$1.26	\$355,959	\$3.08	\$304,884	\$2.64	\$806,266	\$6.98
Fee	\$518,025	\$4.48	\$1,267,989	\$10.97	\$1,086,050	\$9.40	\$2,872,064	\$24.85
GC Insurance: Traditional	\$185,009	\$1.60	\$452,853	\$3.92	\$387,875	\$3.36	\$1,025,737	\$8.88
Builders Risk	\$74,166	\$0.64	\$181,538	\$1.57	\$155,490	\$1.35	\$411,193	\$3.56
Payment & Performance Bond	\$71,858	\$0.62	\$175,888	\$1.52	\$150,651	\$1.30	\$398,396	\$3.45
PROJECTED CONSTRUCTION COSTS	\$14,800,865	\$128.07	\$36,228,589	\$313.48	\$31,030,288	\$268.50	\$82,059,742	\$710.04
GCC - Change Order Allowances	\$586,193	\$5.07	\$1,434,844	\$12.42	\$1,228,964	\$10.63	\$3,250,000	\$28.12
TOTAL	\$15,387,058	\$133.14	\$37,663,433	\$325.89	\$32,259,251	\$279.13	\$85,309,742	\$738.17



DETAILED BACKUP

Glendale Community College - New Science

Glendale Community College - New Science Building

Estimate No.:

Glendale, CA

April Board Mtg Release Package

Date: April 07, 2021

Construction Area: 115,570 SF

WBS 3						
BID PACKAGE						
DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL	
April Board Mtg Package						
02775-Site Concrete						
Trademark - Subcontract		1	ls	\$698,127.00	\$698,127	
Ramps & retaining walls at main entry		1	ls	\$398,053.00	\$398,053	
Patch and repair at curbs		1	ls	\$20,000.00	\$20,000	
Mockups		1	ls	\$10,000.00	\$10,000	
Temp handrails at phase 1 / phase 2 transition		1	ls	\$15,000.00	\$15,000	
Subtotal: 02775-Site Concrete					\$1,141,180	
02900-Landscaping						
Brightview - Subcontract		1	ls	\$268,772.00	\$268,772	
Weekly maintenance of existing landscaping		1	ls	\$15,000.00	\$15,000	
Reinstall irrigation at adjacent areas		1	ls	\$10,000.00	\$10,000	
Riverrock under main stair		1	ls	\$1,800.00	\$1,800	
Move-ins for irrigation sleeves		1	ls	\$2,500.00	\$2,500	
Fill at landscape areas		1	ls	\$7,500.00	\$7,500	
Subtotal: 02900-Landscaping					\$305,572	
05500-Misc Steel						
Muhlhauser - Subcontract		1	ls	\$800,000.00	\$800,000	
Countertop supports		1	ls	\$15,000.00	\$15,000	
Chainlink fence and gates at generator enclosure		1	ls	\$17,200.00	\$17,200	
NOMMA 1 welds		1	ls	\$45,000.00	\$45,000	
Subtotal: 05500-Misc Steel					\$877,200	
07210-Insulation						
Dittemore - Subcontract		1	ls	\$203,700.00	\$203,700	
Subtotal: 07210-Insulation					\$203,700	
07250-Fireproofing						
Nevell Group - Fireproofing Subcontract		1	ls	\$523,134.00	\$523,134	
Fireproofing patching		1	ls	\$50,000.00	\$50,000	
Touch-up / prep steel at intumescent		1	ls	\$15,000.00	\$15,000	
Subtotal: 07250-Fireproofing					\$588,134	
07500-Roofing						
Letner Roofing - Subcontract		1	ls	\$836,990.00	\$836,990	
Temp Roofing		1	ls	\$25,000.00	\$25,000	
Subtotal: 07500-Roofing					\$861,990	
08100-Doors Frames Hardware						
G&G Door - Subcontract		1	ls	\$528,750.00	\$528,750	
Electrified hardware coordination		1	ls	\$25,000.00	\$25,000	
Temp doors		1	ls	\$4,800.00	\$4,800	
Temp door protection		1	ls	\$20,000.00	\$20,000	
Grouting of frames		1	ls	\$8,250.00	\$8,250	
Subtotal: 08100-Doors Frames Hardware					\$586,800	



DETAILED BACKUP

Glendale Community College - New Science
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

WBS 3 BID PACKAGE						
DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL	
09260-Drywall						
Nevell Group - Drywall Subcontract		1	ls	\$6,101,000.00	\$6,101,000	
Supplemental backing at metal panels		1	ls	\$50,000.00	\$50,000	
Removal / patching of drywall due to trade coordination		1	ls	\$25,000.00	\$25,000	
Subtotal: 09260-Drywall					\$6,176,000	
09300-Tile						
Inland Pacific Tile - Subcontract		1	ls	\$354,900.00	\$354,900	
Float floor at all tile		1	ls	\$27,500.00	\$27,500	
Prep at walls to comply with aesthetic intent		1	ls	\$30,000.00	\$30,000	
Subtotal: 09300-Tile					\$412,400	
09400-Terrazzo						
Corradini - Subcontract		1	ls	\$120,450.00	\$120,450	
Temp Protection		1	ls	\$6,975.00	\$6,975	
Transitions & reducers		1	ls	\$4,500.00	\$4,500	
Temp power provisions		1	ls	\$5,000.00	\$5,000	
Protection of surrounding areas		1	ls	\$8,500.00	\$8,500	
Subtotal: 09400-Terrazzo					\$145,425	
09510-Acoustical Ceilings						
Coustic-Glo - Subcontract		1	ls	\$774,775.00	\$774,775	
Misc. repair to ceiling grid		1	ls	\$8,000.00	\$8,000	
Move-ins for tiles after commissioning		1	ls	\$5,500.00	\$5,500	
IT cable pulls		1	ls	\$5,500.00	\$5,500	
Caulking at acoustical conditions		1	ls	\$5,000.00	\$5,000	
Subtotal: 09510-Acoustical Ceilings					\$798,775	
09670-Epoxy Flooring						
CIR - Subcontract		1	ls	\$370,880.00	\$370,880	
Mockup		1	ls	\$5,000.00	\$5,000	
Subtotal: 09670-Epoxy Flooring					\$375,880	
09680-Flooring						
M.S. Rouse - Subcontract		1	ls	\$482,200.00	\$482,200	
Polished concrete flooring		1	ls	\$11,500.00	\$11,500	
Additional / Heavy floor prep		1	ls	\$10,000.00	\$10,000	
Stair nosings		1	ls	\$18,000.00	\$18,000	
Trade damage		1	ls	\$9,500.00	\$9,500	
Subtotal: 09680-Flooring					\$531,200	
18000-Allowances						
High Impact Drywall Allowance		1	ls	\$200,000.00	\$200,000	
So Cal gas service from Verdugo to NSB		1	ls	\$50,000.00	\$50,000	
Vapor Emissions Treatment		1	ls	\$150,000.00	\$150,000	
Subtotal: 18000-Allowances					\$400,000	

DETAILED BACKUP

Glendale Community College - New Science

Glendale Community College - New Science Building

Estimate No.:

Glendale, CA

April Board Mtg Release Package

Date: April 07, 2021

Construction Area: 115,570 SF

WBS 3						
BID PACKAGE						
DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL	
Subtotal: April Board Mtg Package						\$13,404,256

Early Release Package

01720-Survey

Adkan Engineering		1	ls	\$85,000.00	\$85,000	
Bldg Ht. Cert		1	ls	\$2,200.00	\$2,200	

Subtotal: 01720-Survey						\$87,200
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02250-Shoring, Piles, & Earthwork

Demolition / Site Clear & Grub		1	ls	\$215,000.00	\$215,000	
Excavation and offhaul		1	ls	\$475,000.00	\$475,000	
Rough & Fne Grade		1	ls	\$50,000.00	\$50,000	
Overex and compact at building pad		1	ls	\$95,000.00	\$95,000	
Erosion control setup		1	ls	\$30,000.00	\$30,000	
Backfill at sitewalls and stairs		1	ls	\$125,000.00	\$125,000	
Video capture of Adjacent conditions		1	ls	\$6,500.00	\$6,500	
Grade receiling area & tower crane and manlift		1	ls	\$10,000.00	\$10,000	
Shoring around manlift		1	ls	\$7,500.00	\$7,500	
Rebar Cages		1	ls	\$527,000.00	\$527,000	
CIDH Piles, 24" & 30"		8,525	lf	\$156.13	\$1,331,000	
Permanent Shoring System		1	ls	\$1,932,000.00	\$1,932,000	

Subtotal: 02250-Shoring, Piles, & Earthwork						\$4,804,000
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02500-Site Utilities

MOB / Potholing		1	ls	\$60,000.00	\$60,000	
Site Utilities - CTC		1	ls	\$134,500.00	\$134,500	
Domestic Water	5' outside of building	1	ls	\$78,455.00	\$78,455	
Fire Water		1	ls	\$200,429.00	\$200,429	
Reclaimed Water		1	ls	\$8,249.00	\$8,249	
Storm Drain		1	ls	\$789,871.00	\$789,871	
Site Sewer		1	ls	\$56,747.00	\$56,747	

Subtotal: 02500-Site Utilities						\$1,328,251
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05120-Structural Steel

Shop Drawings and coordination		1	ls	\$190,000.00	\$190,000	
Structural Steel - Fabrication		1,140	tn	\$2,314.91	\$2,639,000	
Structural Steel - Erection		1,140	tn	\$2,078.95	\$2,370,000	
BRBs		162	tn	\$3,611.11	\$585,000	
Metal Decking		1	ls	\$878,000.00	\$878,000	
Rebar Couplers at column flanges		1	ls	\$9,600.00	\$9,600	
Detailing at pipe penetrations		1	ls	\$30,000.00	\$30,000	
Stairs & Railings		1	ls	\$1,140,000.00	\$1,140,000	

Subtotal: 05120-Structural Steel						\$7,841,600
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07100-Waterproofing

Waterproofing - subcontract		1	ls	\$241,405.00	\$241,405	
Waterproofing - CTCs		1	ls	\$50,435.00	\$50,435	

Subtotal: 07100-Waterproofing						\$291,840
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DETAILED BACKUP

Glendale Community College - New Science
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

**WBS 3
BID PACKAGE**

DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL
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14200-Elevators

3500 Lb Elevator - 5 stop		2	ea	\$235,500.00	\$471,000
Elevator Operator for 38 weeks		35	ea	\$10,172.31	\$356,031
Operation of elevator platform for patching in shaft		1	ls	\$9,950.00	\$9,950
2-way Comms		1	ls	\$4,500.00	\$4,500

Subtotal: 14200-Elevators

\$841,481

16000-Electrical

Electrical - Building		1	ls	\$7,335,174.00	\$7,335,174
Electrical - Site		1	ls	\$1,191,825.00	\$1,191,825
Electrical - CTC		1	ls	\$137,500.00	\$137,500

Subtotal: 16000-Electrical

\$8,664,499

18000-Allowances

Exterior facade mockup		1	ls	\$75,000.00	\$75,000
Repairs / Restoration of Public Sidewalks & Streets		1	ls	\$50,000.00	\$50,000
Additional misc. Supports (point cloud coordination)		1	ls	\$150,000.00	\$150,000

Subtotal: 18000-Allowances

\$275,000

19154-Hoist/Crane

Tower Crane & Hoist - Subcontract		10	mo	\$115,667.40	\$1,156,674
OT Allowance - Crane and Hoist		1	ls	\$363,300.00	\$363,300
Crane & Hoist - CTC		1	ls	\$61,000.00	\$61,000
Foundation Design Allowance		1	ls	\$15,000.00	\$15,000

Subtotal: 19154-Hoist/Crane

\$1,595,974

19200-General Requirements

General Requirements		1	ls	\$200,030.00	\$200,030
VDC Coordination		1	ls	\$269,879.00	\$269,879

Subtotal: 19200-General Requirements

\$469,909

19250-General Conditions

General Conditions		1	ls	\$6,610,307.00	\$6,610,307
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Subtotal: 19250-General Conditions

\$6,610,307

Subtotal: Early Release Package **\$32,810,061**

March Board Mtg Package

03300-Concrete & Reinforcing Steel

Conco - Subcontract		1	ls	\$4,821,721.00	\$4,821,721
Rat slab at foundations		1	ls	\$19,000.00	\$19,000
Dewatering		1	ls	\$10,000.00	\$10,000
Export / Import		1	ls	\$25,000.00	\$25,000

Subtotal: 03300-Concrete & Reinforcing Steel

\$4,875,721



DETAILED BACKUP

Glendale Community College - New Science
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

**WBS 3
BID PACKAGE**

DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL
07410-Metal Panels & Sheet Metal					
VNSM - Subcontract		1	ls	\$1,921,000.00	\$1,921,000
IPE Wood trellis coordination		1	ls	\$30,000.00	\$30,000
Coordination at window flashings		1	ls	\$10,000.00	\$10,000
Coordination at control joints in metal panel systems		1	ls	\$15,000.00	\$15,000
Column Covers at Trellis		1	ls	\$20,000.00	\$20,000
Subtotal: 07410-Metal Panels & Sheet Metal					\$1,996,000
08400-Exterior Glazing Systems					
Aragon Construction - Subcontract		1	ls	\$2,352,000.00	\$2,352,000
Misc. additional testing		1	ls	\$15,000.00	\$15,000
Building leave outs / access openings		1	ls	\$10,000.00	\$10,000
Flashing coordination at windows		1	ls	\$8,500.00	\$8,500
Protection at high traffic areas		1	ls	\$10,000.00	\$10,000
Factory visit / verification		1	ls	\$3,500.00	\$3,500
Subtotal: 08400-Exterior Glazing Systems					\$2,399,000
09200-Plaster					
Lath & Plaster - Subcontract		1	ls	\$1,602,056.00	\$1,602,056
Caulking coordination between trades		1	ls	\$7,500.00	\$7,500
Plaster patching / re-work at misc boxes/attachments		1	ls	\$6,500.00	\$6,500
CJ / EJ Shop drawing coordination		1	ls	\$10,000.00	\$10,000
Weather barrier coord. at metal panels		1	ls	\$15,000.00	\$15,000
Subtotal: 09200-Plaster					\$1,641,056
11600-Lab Equipment					
Saxton-Bradley - Subcontract		1	ls	\$2,999,712.00	\$2,999,712
Mockup - to be issued in ASI (RFI #96)		1	ls	\$15,000.00	\$15,000
Wire mold at movable tables		1	ls	\$50,000.00	\$50,000
OFCI material handling		1	ls	\$10,000.00	\$10,000
Subtotal: 11600-Lab Equipment					\$3,074,712
15300-Fire Protection					
Fire Protection - Subcontract		1	ls	\$918,800.00	\$918,800
Coordination of testing agency for equipment		1	ls	\$3,500.00	\$3,500
Coordination between fire alarm for panels & interfacing		1	ls	\$5,000.00	\$5,000
Relocation of heads per detail coordination		1	ls	\$7,500.00	\$7,500
Coordination of supports & point loads to decking		1	ls	\$6,000.00	\$6,000
Coordination & final design layout of piping & equipment		1	ls	\$7,500.00	\$7,500
Subtotal: 15300-Fire Protection					\$948,300
15400-Plumbing					
Control Air - Subcontract		1	ls	\$4,507,800.00	\$4,507,800



DETAILED BACKUP

Glendale Community College - New Science
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

WBS 3						
BID PACKAGE						
DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL	
Premium time for tower crane usage		1	ls	\$6,960.00	\$6,960	
Protection of heat exchanger, RO/DI skid, equipment		1	ls	\$12,500.00	\$12,500	
Modifications to site water for temp usage		1	ls	\$18,000.00	\$18,000	
Coordination w/ lab casework		1	ls	\$7,500.00	\$7,500	
Coordination w/ irrigation water connections		1	ls	\$2,500.00	\$2,500	
Coordination w/ heavy equipment concrete pads & locations		1	ls	\$5,000.00	\$5,000	
Coordination of supports @ point loads		1	ls	\$12,500.00	\$12,500	
Coordination & final design of piping /seismic		1	ls	\$7,500.00	\$7,500	
Cold condensate drain lines for HVAC equipment		1	ls	\$30,000.00	\$30,000	
Subtotal: 15400-Plumbing					\$4,610,260	
15500-HVAC						
Southland - Subcontract		1	ls	\$8,339,442.00	\$8,339,442	
Premium time for crane usage		1	ls	\$9,280.00	\$9,280	
Climatization for Acclimation of Finish Materials (additional filters, dehumidification) - ALLOWANCE	see allowances	1	ls	\$0.00	\$0	
Protection of Air Handlers, Equipment, Ductwork		1	ls	\$30,000.00	\$30,000	
Coordination of Heavy Equipment Concrete Pads & Locations		1	ls	\$15,000.00	\$15,000	
Coordination of Supports & Point Loads to Decking		1	ls	\$12,500.00	\$12,500	
Coordination & Final Design Layout of Pipe, Duct, & Equipment Supports for Seismic Restraints		1	ls	\$17,500.00	\$17,500	
Valves & Bypass Required at Chilled Water Site Connections		1	ls	\$8,500.00	\$8,500	
Subtotal: 15500-HVAC					\$8,432,222	
18000-Allowances						
Millwork repair/replacement due to climatization issues		1	ls	\$50,000.00	\$50,000	
Steel Plate in Plumbing Shaft		1	ls	\$75,000.00	\$75,000	
Subtotal: 18000-Allowances					\$125,000	
Subtotal: March Board Mtg Package					\$28,102,271	
WBS 3 SUBTOTAL					\$74,316,588	
Construction Contingency		3.00%		\$19.29	\$2,229,498	
SDI Insurance		1.08%		\$6.98	\$806,266	
Fee		3.86%		\$24.85	\$2,872,064	
GC Insurance: Traditional		0.00%		\$8.88	\$1,025,737	
Design Contingency		0.00%		\$0.00	\$0	



DETAILED BACKUP

Glendale Community College - New Science
Glendale, CA

Glendale Community College - New Science Building
April Board Mtg Release Package

Estimate No.:
Date: April 07, 2021

Construction Area: 115,570 SF

WBS 3						
BID PACKAGE						
	DESCRIPTION	COMMENTS	QUANTITY	UNIT	UNIT COST	TOTAL
	Escalation		0.00%		\$0.00	\$0
	Builders Risk		0.48%		\$3.56	\$411,193
	Payment & Performance Bond		0.47%		\$3.45	\$398,396
PROJECTED CONSTRUCTION COSTS					\$710.04	\$82,059,742
	GCC - Change Order Allowances		3.96%		\$28.12	\$3,250,000
TOTAL					\$738.17	\$85,309,742



QUALIFICATIONS -R3

APRIL 7, 2021

This qualifications narrative presents a written explanation clarifying the assumptions, exclusions and other bases used in developing the price and schedule for the scope of work defined in the April Board Meeting Release Package. Qualifications noted in this document are intended to supplement the Contract Documents and clarify for discussion DPR's understanding of any identified conflicting or incomplete scope or design items.

Notwithstanding anything to the contrary, prior to the execution of the final GMP, the parties will review all trade bid packages for any duplication of costs between all bid packages and, if found, will amend the Agreement as applicable to deduct identified and agreed duplicated costs.

In light of current events regarding COVID-19, DPR and its Subcontractors will be implementing specific "COVID-19 Jobsite Protocols" as defined in Bid Document Exhibit 19 Disease Outbreak Jobsite Protocols through 12/31/2021. These protocols are intended to comply with all known guidelines and orders issued by any Authority Having Jurisdiction as of 1/1/2021. DPR's April Board Meeting Release Package pricing includes the costs and time associated with complying with the current COVID-19 Jobsite Protocols through 12/31/2021.

Revised, new or additional government orders, directives, laws, or regulations, or additional measures arising from a Contractor safety determination due to changing conditions, may cause additional costs or schedule impacts beyond those associated with the current COVID-19 Jobsite Protocols. If any cost or time impacts arise due to such required changes to the COVID-19 Jobsite Protocols, the parties will negotiate in good faith to ascertain if an equitable adjustment in the Contract Time and Contract Price is warranted and in what amount.

Any cost or time impacts due to implementing the COVID-19 Jobsite Protocols after 12/31/2021 will require an equitable adjustment in the Contract Time and Contract Price. The costs associated with the required 14 day paid leave for DPR Employees for positive COVID-19 test results as required per CA AB 186 are not included.

General Qualifications

CONTINGENCIES

The following project contingency funds are established as detailed below.

1. *Design Development Contingency*: Design Development Contingency is Excluded from the April Board Meeting Release Package.



2. *Construction Contingency:* Construction Contingency (at 3%) is included in the April Board Meeting Release Package price as defined in the Master Agreement for Construction Management Services “At Risk”. This amount is a percentage of the value of the April Board Meeting Release Package, and will increase in subsequent Package releases as a percentage of the increased Contract value.
3. *Escalation:* Escalation is excluded from the April Board Meeting Release Package Price.
4. *Cost to Complete Budgets:* Budgets have been carried withing the Contract Price to complete specific scopes of work. These budgets are for scopes of work that are anticipated to be required to fully complete a scope of work, but are either difficult to quantify at bid time or require additional coordination and definition to accurately price. These budgets are not included with the trade contractors price at the time of contract award. DPR will maintain a log of all cost to complete budget expenditures during the project and review this with the Project Manger and Owner as part of the monthly application for payment process. At the completion of the project, if the costs expenditure exceed the cost to complete budgets and any remaining construction contingency, and increase to the GMP will not occur. If at the completion of the project, the cost expenditures are under the cost to complete budgets and any remaining contingency, savings will be returned to the Owner.

OWNER CONTROLLED ALLOWANCES

The Contract Price includes Owner Controlled Allowances to be utilized during construction at the sole discretion and direction of the Owner. Detailed pricing will be submitted as an Owner Controlled Allowance Expenditure Authorization Request, in a form acceptable to the Owner, for review and written approval by the Owner. A distinct tracking log will be established for all Owner Controlled Allowance expenditures and a current copy will be provided with any submitted Owner Controlled Allowance Expenditure Authorization request. Any funds remaining in the Owner Controlled Allowances at the completion of the project will be returned to the Owner.

Owner Controlled Allowance Item and Description	Amount Included (Direct Cost)
1. Differing Site Conditions Allowance:	\$180,000
2. Design Coordination Owner Allowance	\$750,000
3. DSA IOR Field Directive Owner Allowance	\$600,000
4. Overtime Owner Allowance	\$90,000
5. Inclement Weather Owner Allowance	\$90,000
6. Program Modifications Owner Allowance	\$450,000
7. City of Glendale Mitigation Owner Allowance	\$90,000
8. Campus Disruption Mitigation Owner Allowance	\$60,000
9. OFOI / OFCI / FF&E Coordination Owner Allowance	\$180,000
10. Unforeseen Subsurface Soil Conditions	\$180,000
11. Addendum #1 Owner Allowance	\$160,000
12. DSA Approval Documents Owner Allowance	\$90,000
13. Chilled Water Scope from CUP project Owner Allowance	\$300,000



14. Fire Water loop Mitigation	\$30,000
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ALLOWANCES INCLUDED IN THE PRICE

As defined in the Master Agreement for Construction Management Services “At Risk”.

Allowance Item and Description	Amount Included (Direct Cost)
1. Repairs / restoration of public sidewalks / streets	\$50,000
2. Exterior façade mockup	\$75,000
3. Additional misc. supports required by point cloud coordination (per BIM Services clarifications below)	\$150,000
4. Design/structural engineering of tower crane and manlift foundations	\$15,000
5. Millwork repair/replacement due to climatization Issues	\$50,000
6. Steel plate in plumbing shaft per plumbing note 1/P2.02	\$75,000
7. SoCal Gas Service from Verdugo to NSB	\$50,000
8. High Impact Drywall – pending RFI response	\$200,000
9. Slab Vapor Emissions Treatment	\$150,000

ALTERNATES

“Alternates” are an allotted sum of money included for a system or scope of work which may be added to or deleted from the Estimate. The following items can be added or deducted as applicable from the scope of work at the direction of the Owner through executed Change Order Request which will then be incorporated into a future project Change Order. Add/Deduct Alternates are inclusive of overhead, profit and insurance.

Alternate Item and Description	Add/(Deduct)	Amount
1. NOMMA #3 in lieu of NOMMA #1 welds at exterior galvanized railings and metal gate.	Deduct	(\$45,000)

DELEGATED DESIGN WITH DEFERRED APPROVAL REQUIREMENTS

DPR has identified in the Plans and Specifications the following items of scope for which design responsibility has been delegated to DPR by the designer of record and deferred approvals are required of that scope of work. DPR’s scope of work, the Contract Price, the Contract Time and our Project schedule exclude all other items of delegated design with differed approval requirements:

Item of Delegated Design with Deferred Approval Requirements
1. Exterior Curtainwall System
2. Elevator and Dumbwaiter Guiderail Supports



DPR excludes any professional responsibility for providing appropriate design criteria for the delegated design with deferred approval requirements items listed above. DPR likewise excludes any obligation to integrate, connect and coordinate these items of delegated design with deferred approval requirements with the rest of the Project's design. These are obligations that must be retained by the Owner's Architect or lead designer of record. Despite anything contrary in the Contract Documents, any requirement of the professional services or work product of DPR or its subcontractors to meet a particular requirement, metric or outcome are interpreted to mean that those professional services or work product are only required to meet the industry standard of care regarding that requirement, metric or outcome.

Submittal of documents for delegated design items with deferred approval requirements shall be submitted to the authority having jurisdiction for review and approval by the Architect of Record, and not by DPR, the individual subcontractor or consultant.

DELEGATED DESIGN

DPR has identified in the Plans and Specifications the following items of scope for which design responsibility has been delegated to DPR by the designer of record. DPR's scope of work, the Contract Price, the Contract Time and our Project schedule exclude all other items of delegated design:

Items of Delegated Design
1. Electrical Scope of work: Delegated design items listed on E0.02- items D1, D3, D4, D5, D6, D7, D9 (Items D2, D8 and F are specifically excluded)
2. Delegated design submittals for trapeze hangers per spec section 21 05 29.
3. Delegated design submittals for each vibration isolation and seismic-restraint device per spec section 21 05 48.
4. Delegated design for restraints and anchors for natural-gas piping and equipment per spec section 22 11 18.
5. Delegated design submittals for each anchor and alignment guide per spec section 23 05 16.
6. Delegated design submittals for trapeze hangers per spec section 23 05 29.
7. Delegated design submittals for HVAC power ventilator unit hangers or supports as per spec section 23 34 23.
8. Delegated duct construction including sheet metal thickness, seam and joint construction per spec section 23 31 13.
9. Delegated design submittals, materials, fabrication assembly, and spacing of hangers and supports for air terminal units per spec section 23 36 00.

DPR excludes any professional responsibility for providing appropriate design criteria for the delegated design items listed above. DPR likewise excludes any obligation to integrate, connect and coordinate these items of delegated design with the rest of the Project's design. These are obligations that must be retained by the Owner's Architect or lead designer of record. Despite anything contrary in the Contract Documents, any requirement of the professional services or work product of DPR or its subcontractors to meet a particular



requirement, metric or outcome are interpreted to mean that those professional services or work product are only required to meet the industry standard of care regarding that requirement, metric or outcome.

Delegated design elements will be submitted to the design team for review and approval through the normal submittal process. Approved submittals will be available for the IOR's use at the project site but will not be resubmitted to DSA for approval. The contract price, contract time and schedule exclude any submission to DSA as a deferred approval.

BIM SERVICES

1. DPR BIM Services included in the Price are based on the Architect's and Engineers' timely and orderly delivery of the associated BIM scope of services per Owner/Architect agreement and as to the scope previously agreed to with the Owner and as referenced in the Contract Documents. Architect is responsible for updating the architectural model throughout coordination with any changes resulting from coordination. Architect and engineers are responsible for timely communication of design changes and model modifications once trade coordination has commenced.
2. Clash detection and coordination services generated from BIM Models will strive to eliminate most of the conflicts that may otherwise arise during field construction for those scopes that are sufficiently detailed in the BIM model. Clash detection and coordination services may not detect all clash and coordination issues, especially those scopes not sufficiently detailed, and may result in some change orders or use of contingency per Contract Documents. Effective performance of clash detection and coordination services requires participation from project Architect and their Engineers/consultants. Adequate time shall be allowed within the Design Schedule to perform these services. Refer also to the BIM Execution Plan made a part of the CMAR agreement as Exhibit A.
3. All Subcontractors that the Owner requires DPR to contract with, or any owner controlled contractors or vendors working on the project prior to turnover (if any) will be held to and follow the latest project BIM Execution Plan and associated coordination schedule.
4. Detail 3 on S0.60 deals with supports for MEPF systems from the structure. Other criteria is provided on individual MEPF drawings related to hanging systems from structure. Specific to this Detail 3, is a note that reads "GC to coordinate point loads from MEP disciplines and ensure that point loads are within the maximum limit as per the schedule." DPR has included the cost in our BIM / VDC pricing related to creating a composite point load document from all individual MEPF disciplines. DPR assumes that the current design has taken into account the routing of MEPF systems, as indicated on the current documents, can be supported by the structure. We have not included costs or schedule duration where the findings of the composite point load may require rerouting of MEPF or added structural support systems to resolve the composite loading criteria. Until the effort has been completed in the BIM / VDC effort these impacts cannot be known to bidders.

INSURANCE PROGRAM

- 1) The following insurances have been included within the Price:



- a) Contractor's Insurance
 - i) Traditional insurance
 - b) Subcontractor Default Insurance
- 2) We have included the costs for DPR to purchase Builder's Risk coverage. Contractor's Builder's Risk insurance cost is fixed at the stipulated rate of 0.482 percent (0.482%) times the contract value. The charge for builder's risk insurance cost is in addition to the charge for Contractor's insurance and is due and payable in full upon Contractor's binding of the policy. The amount for builder's risk insurance will be adjusted based on adjustments to the contract value and / or schedule of Contractor's performance.
 - 3) We have included the costs for DPR to purchase Payment & Performance Bonds. Contractor's cost to provide payment and performance bonds for the Project is fixed at the stipulated rate of 0.467 percent (0.467 %) times contract value. The initial charge for the bonds shall be based on the estimated contract value and is due and payable in full upon issuance of the bonds. The charge for the bonds will be adjusted based on adjustments to the contract value and/or schedule of Contractor's performance.
 - 4) This price is predicated on DPR providing insurance that shall be reimbursed by the Owner in accordance with the Contractor's Fixed Rates Exhibit B of the Master Agreement for Construction Management Services "At Risk" document.

INTELLECTUAL PROPERTY RIGHTS

1. Despite anything else in the Contract Documents, DPR and its subcontractors each retain ownership and all common law and statutory rights to own and use its respective proprietary intellectual property that it independently developed without reference to Owner's specific business practices, designs or processes. However, DPR grants Owner a limited, nonexclusive, royalty-free, perpetual license to use and reproduce any proprietary intellectual property that DPR and its subcontractors provide for the Project, but the license is solely for use in the Project and its future operation, maintenance and renovation and is not transferrable to other parties without DPR's prior written consent. This license may be revoked upon written notice if DPR is not paid in accordance with the Contract Documents. Without limiting any confidentiality obligations under DPR's contract with Owner, Owner grants Contractor a non-exclusive, royalty-free, revocable license to use any photos, videos or other media created by DPR or its Subcontractors during the course of the Project when the copyright of such media is owned by Owner, including for publicity, education and advertising the subject matter of which does or might bring discredit to Glendale College, including any film production which contains immoral, obnoxious, obscene, or injurious material or is subversive in any way.

BILLING RATES & COMMERCIAL TERMS

1. Monthly invoicing process will allow for processing of invoices and payment to Trade Contractors for stored materials. Due to the tight constraints of the site this is a particularly pertinent issue. This can include, but not be limited to, steel, HVAC equipment, electrical gear, lights and lab casework and furniture. Protocols will be established, with reasonable terms to satisfy the College for this process.
2. Elevator Subcontractor Specific Payment Terms:
 - a. Design/ Engineering / Material Procurement – 35% billed upon award. Due in 30 days or prior to release of factory orders, whichever occurs first.



- b. Factory Materials – 40% billed the month before shipment occurs.
- c. Installation Labor – 25% billed each month as work progresses.
- d. Retention – 5% Due 30 days after turnover of equipment.

RELATED PARTIES DISCLOSURE:

1. vConstruct is a technology based support contractor that is related to DPR and may be used for specific Project services and BIM services support.
2. OES (also dba Spec 8) is a rental and supply company that is related to DPR and may be used on the Project.
3. VueOPS is a technology platform that is related to DPR and may be used for finding construction turnover documents and managing construction warranty events.

GENERAL CONDITIONS:

The General Conditions included in this GMP do not include the work associated with Phase 2 sitework and Arroyo Seco Demolitions and are based upon the duration of work included in Exhibit “G” – Project Schedule. The General Condition costs included in this April Board Meeting Release Package is a lump sum amount. Construction Contingency funds will not be used to fund cost overruns in the General Conditions. If the project is delayed and the cause of the delay is beyond DPR’s control, DPR reserves the right to pursue additional general conditions compensation per the terms of the contract.

Basis of Estimate

GENERAL QUALIFICATIONS, CLARIFICATIONS, AND EXCLUSIONS

Please note the following general qualifications, clarifications, exclusions, and assumptions on which the Estimate are based.

General Qualifications & Clarifications

1. These Qualifications are integral to the Contract Price:
 - a. Titled: **Glendale Community College – New Science Building – April Board Meeting Release Package.**
 - b. Dated 4/6/2021
2. The Price is based upon the following documents:

Refer to Exhibit “H” – List of Contract Documents.
3. This is not a line item GMP, and unused amounts within the budget of any line item may be used at Contractor’s sole discretion to offset overruns in other line items.
4. This April Board Meeting Release Package price is predicated on DPR rates that shall be reimbursed by the Owner in accordance with the Contractor’s Fixed Rates Exhibit B of this document, and subject to year by year increases.



5. All Subcontractors that the Owner requires DPR to contract with, or any owner controlled contractors or vendors working on the project prior to turnover (if any) will be held to and follow the latest DPR Construction EH&S, safety policies and procedures and must meet or exceed all DPR Insurance requirements for subcontractors.
6. This April Board Meeting Release Package price is predicated upon GCC obtaining the required air rights as necessary to use our tower crane for construction and as indicated in our attached site logistics plan.
7. We anticipate being able to complete the tower crane set-up and completion of the project without relocating the overhead power lines on Verdugo. If relocations become necessary, this will be completed as a change order to the project.
8. This April Board Meeting Release Package is predicated on obtaining a traffic lane closure as indicated in our attached Site Logistics Plan.
9. LEED requirements have not been identified for the project. Costs for management of this is not included.
10. Interior work will commence prior to finalizing a fully watertight enclosure.
11. Adverse weather conditions include any weather event, including high winds, that results in delays to the critical path of the project. An allowance of 30 days is included in the contract for adverse weather events.
12. Glendale Community College will be responsible for all noise and vibration abatement and mitigation measures associated with the normal operations of the construction process. This includes Campus buildings and adjacent residential and commercial operations. DPR will coordinate the efforts the College may employ to mitigate noise and vibration at adjacent buildings and properties.
13. The College acknowledges and approves of the use of the Campus to construct the project as indicated on the Site Logistics Plan.
14. The College acknowledges that DPR will connect to the power switch that is intended for the permanent power as indicated on E1.00. DPR will add conduit and wire to this run, and from this same source, for the temporary power during construction. This use will be approximately 1,200 Amps. The College will pay for the power consumption that will occur as a part of this work.
15. In lieu of having to design a temporary storm water diversion and collection system during construction, DPR will utilize the new storm drain system to collect storm generated runoff and capture in the new Biofiltration / Filtera system. The College acknowledges this use during construction. As a part of the General Requirements of the project DPR forces will periodically clean out and maintain this system. Accordingly, the warranty for this system will begin at the time it starts receiving storm water runoff.
16. Completion of the project is predicated on supply of adequate Chilled Water to the HVAC systems of the New Science Building. The College has a separate project to supply this Chilled Water to the New Science Building. Any delay in that separate project in proving the Chiller Water will result in a schedule delay.
17. The April Board Meeting Package includes Phase 1 Work only. Because there is a gap between Phase 1 and Phase 2 work, Phase 2 will be bid/priced later and will be handled as a separate GMP package and project. Closeout documentation, warranties, and retentions for phase 1 will be completed/released as the completion of Phase 1 work.
18. In an effort to avoid significant cost and schedule impacts, the casework and millwork will be installed in the building prior to the space being fully climatized as required by the specifications. An allowance for "Millwork repair/replacement due to climatization Issues" has been included in the price.
19. This April Board Meeting pricing is based on all OFCI/OFOI furniture/materials will be packaged to fit within the elevator.



20. An Allowance has been included for SoCal Gas service to the building from Verdugo.
21. An Owner Controlled Allowance has been included for the work associated with Addendum Number 1.
22. This April Board Meeting Pricing is based on the DSA submission drawings/documents as enumerated in "Exhibit H – List of Contract Documents". An Owner Controlled Allowance has been included for the work associated with any changes from these documents to the final DSA Approval Documents.
23. A portion of the chilled water line scope of work will be shifted from the CUP project to the NSB project. This work is not included in this GMP pricing. An Owner Controlled Allowance has been included for this work.

General Exclusions

24. State and Local Taxes.
25. MBE/WBE/SBE/DVBE requirements have not been identified and are excluded.
26. Design fees.
27. Builder's Risk Deductibles.
28. Permits and fees, including plan check fees and/or expeditors.
29. Utility permit & connection fees (i.e. Domestic Water, Sanitary Sewer, Storm Drain, Fire Water, Electrical, Gas).
30. Consumption costs for power & water, including during construction.
31. Tax exempt provisions, including accounting and documentation.
32. All contaminated or hazardous materials, conditions, and associated work or impacts (including delays and delay damages) not expressly included in the Work of the Contract.
33. Differing subsurface or concealed conditions
34. Premium and Overtime provisions. All work has been provided on regular hours, with the exception of the overtime costs included for the tower crane and hoist operation.
35. Furniture, fixtures and equipment.
36. Backing/blocking for FF&E and OFOI items unless specifically shown on the contract documents.
37. Structural Upgrades.
38. All inspections, including 3rd Party Testing & Inspections.
39. 3rd Party Commissioning.
40. Auditing and monitoring of existing structures and roadways for movement or changes in condition.
41. All Phase 2 Work.
42. Preconstruction Services are excluded from this price.
43. All Design work unless specifically identified in the 'Delegated Design with Deferred Approval Requirements' or "Delegated Design" section above.
44. Informational and wayfinding signage within existing buildings or Campus grounds required as a result of construction operations.

SCOPE SPECIFIC QUALIFICATIONS, CLARIFICATIONS, AND EXCLUSIONS

01 – Demolition & Sitework

Assumptions / Clarifications:



45. Demolition work is limited to the Phase 1 area only.
46. We have included over-excavation of the building per the geotechnical report and structural drawings only, with over-excavation depth measured from existing or finished grade (whichever is greater). Over-excavation to bottom of pile caps is not included.
47. We assume that the tie back design of the shoring system has taken into account all adjacent structures for clearance. We have not included any deep potholing activities to verify this.
48. Site concrete is based on using a 4000 PSI normal weight aggregate mix design.
49. We have included costs for NOMMA #1 welds at exterior railings only per spec section 05 52 00, however there are concerns with this design criteria working with galvanized metal. We recommend NOMMA #3 welds at these railings (see alternate above).

Exclusions:

50. Demolition of Phase 2 area including Arroyo Seco Building and Santa Barbara Building.
51. Hazardous material abatement, including hazardous soils removal.
52. Relocation of utilities not shown on drawings.

02 – Concrete and Reinforcing Steel

Assumptions / Clarifications:

53. We have assumed that we can stockpile foundation spoils on site in a designated area of parking lot B. We have included fencing and sandbags at this area.



54. For composite decks, we have included pouring concrete to the thicknesses specified in the bid documents. We cannot guarantee Ff/FI values specified in the bid documents, due to the complexity of the system (i.e. cambering of beams).
55. In situations where the architectural and structural drawings conflict, price is based on the structural drawings.

Exclusions:

56. Testing or inspection (other than furnishing of certified mill test reports).
57. Galvanized and/or epoxy coated bars or accessories.
58. Thermal control of mass concrete.

03 – Building Shell (Structural Steel, Waterproofing, Plaster, Sheet Metal, Curtainwall)

Assumptions / Clarifications:

59. We have assumed we will be able to weld rebar couplers to column flanges in lieu of shop welding full length rebar per detail 1/S3.02.



60. We have assumed primary and secondary beams at areas without ceilings (exposed structure) to be fireproofed with cementitious fireproofing and not intumescent paint.
61. Due to manufacturer recommendations, panel joint spacing may differ from current design elevations. This will be coordinated during shop drawing process.
62. Plaster control joints are included per the exterior elevations. We have not confirmed or accounted for additional control joints if certain components shown do not meet industry standard / recommendation for CJs at less than 144sf maximum.
63. For the curtainwall system, we have not included any upgrades or reinforcement of the existing structure to accommodate loads of the curtainwall system. Deferred submittal includes the design & engineering of the attachments of the curtainwall system to the building only.

Exclusions:

64. Cantilevered pipe strongbacks (1/S4.02). These were not found in drawings.
65. 2% allowance for misc. steel per note 26/S0.02.
66. Slide bearings per note 25/S0.02. These were not found in drawings.
67. ASTM 1085 material per note 3/S0.02.
68. Plaster fog coat (identified in the spec. but N/A for acrylic finish system).
69. Heat soak testing of tempered glass.

04 – Building Interiors

Assumptions / Clarifications:

70. High Impact drywall is referenced in spec. section 09 29 00, but locations are not identified in the drawings. We have included an allowance for this above.
71. Batt Insulation attachment at the underside of the penthouse deck per spec. section 07 21 13 using stick pins and lock washers (industry standard), not per detail 16/A10.16 which shows hanger wire and metal straps.
72. Batt insulation fasteners at 36" o.c. per spec section 07 21 00 -3.02J are not required per manufacturer recommendations. We have not included these fasteners and have assumed friction fitting of in-wall batt insulation.
73. Terrazzo flooring is included at level 1 only per RFI responses. Levels 2-5 common areas are assumed to be ¼" epoxy flooring (EF1 & EF2).

Exclusions:

74. Cantilevered pipe strongbacks (1/S4.02). These were not found in drawings.
75. POE / Electrified Hardware and integration.
76. Floating / ardex of floors below finished flooring.

05 – Conveying (Elevators)

Assumptions / Clarifications:

77. Elevators
 - a. One Elevator will be in operation with an operator full time during construction to close exteriors and complete interiors.



- b. We do not currently have the deferred approval of the elevator guiderail attachments captured in our April Board Meeting Release Package Price. Further scope clarification required.
78. Project Specifications based on a TKE elevator. Selected bidder is Otis, so certain aspects of the elevator will differ from the TKE basis. These include, but are not limited to controls, ceilings, dimensions and other finishes. Pricing is based on the Otis system with comparable features, and these differences will not be considered Substitutions.

Exclusions:

79. Dumbwaiters, wheelchair and materials lifts (to be part of future package).
80. Camino Real Elevator.

06– Lab Casework

Assumptions / Clarifications:

81. There are some details for marine edge countertops, but no callouts in the plans as to where they are to go. We have not included these.
82. We are assuming that movable lab tables are non-prewired as they are custom manufactured tables and a UL listed wiring system is not available. We have included a budget for field installed wiremold at these tables.

Exclusions:

83. Secondary light curtain autosash per 2020 CA Energy Code.

07– Fire Protection

Assumptions / Clarifications:

84. Fire sprinkler installation shop drawings to be submitted for DSA review and approval and in accordance with the project fire sprinkler plans and specifications.
85. Relocation of the exterior fire hydrant, DCDA and PIV as shown on FPO.1A will occur under the site utilities package.

Exclusions:

86. Pre-action fire protection systems or clean agent systems are not included.
87. Custom color fire sprinkler heads or covers.

08– Plumbing

Assumptions / Clarifications:

88. Equipment and plumbing fixtures included as scheduled on the project drawing package fixture/equipment schedule.
89. Chlorination of the domestic (potable) water systems per all State and local health department regulations.
90. Insulation of plumbing systems to follow project specifications as well as California Energy Commission Title-24 recommendations.



91. Casework integral sinks, eyewashes, and lab gas turrets provided by others will be turned over to Plumbers for installation and connection.

92.

Exclusions:

93. No specialty lab gasses have been indicated or included (example O2, N2, CO2, etc.). Only the project drawing denoted lab systems have been included (natural gas, lab gas, lab vacuum).

94. Sewer use and assessment fees, domestic water meter and fees, natural gas meters and fees.

95. Dewatering and heavy rock excavation for underslab conditions is excluded.

96. Methane barriers, mitigation, sensors, or exhaust systems are excluded (none shown in project documents).

97. Insulation of domestic cold water system has not been included due to climate zone.

98. Permits and plan check fees and assessments.

09- HVAC

Assumptions / Clarifications:

99. HVAC ductwork systems for supply, return, outside, and general exhaust will be galvanized sheet metal and constructed to SMACNA standards as indicated in the project documents. Final connections to supply and return air distribution devices will be via flexible ductwork no longer than 5 lineal feet in length.

100. Pressure testing of medium pressure ductwork per SMACNA recommendations and RFI response has been included.

101. Insulation of mechanical HVAC systems, both piping and ductwork to follow project specifications as well as California Energy Commission Title-24 recommendations. Firewrap of fume exhaust ductwork is included where denoted on the project drawings.

102. Fume hood and vacuum cabinet points of connection have been included as shown on the project drawings.

103. Labor and materials to perform a complete installation of the HVAC and Lab controls per specification divisions 23 and 25.

104. Commissioning is to be provided by others. Subcontractors and DPR personnel will provide commissioning support.

105.

Exclusions:

106. Calculations or design for expansion compensation for underground piping as noted in specification section 23.21.13.13 1.04 B.

107. Underground Chilled Water piping beyond the project denoted point of connection. Chilled Water piping to extend approximately 5 lineal feet beyond the building footprint exterior.

108. Duct cleaning and any associated access doors required for duct cleaning operations as noted in specification 23 31 13 3.11. Ductwork will be fabricated in an indoor manufacturing environment and delivered to the project with sealed ends per Calgreen standards. RFI response confirmed post construction duct cleaning will not be required.

109. Special testing and balancing such as: sound level and vibration testing, third party duct pressure test and/or witnessing.

110. Stairwell pressurization systems have not been identified in the project documents or included.



111. Permits & plan check fees and assessments.

10 – Electrical

Assumptions / Clarifications:

112. Includes temp power & lighting.
113. Item E on sheet E0.02 of the electrical drawings will be accomplished through the final coordinated model in accordance with the BIM Execution Plan.
114. We have included rough-in (conduit and backboxes only) of low systems identified in the telecommunications drawings, however specific location coordination is assumed to be by the Designer of Record.

Exclusions:

115. All low voltage systems, cabling and devices shown in telecommunications drawings.
116. DAS System.
117. Security (CCTV and Access Control).
118. A/V.
119. Network Access Switch.
120. Network Distribution Switch.
121. UPS w/ extended run battery.
122. Power distribution unit.
123. Equipment racks.
124. Rack ladders.
125. Cable Management.
126. Fiber Patch Panel / Fiber Optic Patch Panel.
127. Cat 6 Patch Panel.
128. Office Phones, classroom, lab wall phones, conference room phones.
129. Station wiring (including patch panel, cable, connectors, testing and labor).
130. Wireless Access Points and Placement.
131. Digital Clock / Paging / Messaging.
132. Outside Fiber and Copper Cabling.

Basis of Schedule

The Basis of Schedule explanation designates assumptions, clarifications, potential risks and perceived opportunities used in establishing the Schedule titled “Exhibit G” Project Schedule 12/9/2020. In addition, this document describes the general scheduling approach to the project, project execution assumptions, and general scope of work clarifications depicted in the current schedule. Where discrepancies exist between this document and the Division 1 Specifications, this document will rule.

EXECUTIVE SUMMARY



The project schedule takes into account a very constrained site. There is no laydown area, so any further constraints to the site imposed beyond the Site Logistics Plan, will result in schedule delays. There are no specific adjustments made to the schedule associated to normal Campus operations, deliveries, special events, Commencements, academic calendars or hours of operations.

OWNER DEPENDENCIES

Key Design Decisions

133. The schedule is based upon the following design decision dates:
- a. District approval of the Early Work Package by 2/26/2021.

Timing of Owner Furnished Equipment

134. The key Owner Furnished, Contractor Installed (OFCI) Equipment for the project and required delivery dates will be finalized in next GMP approval package.

Drug Testing/Security/Background Requirements

135. DPR's project specific standard drug and alcohol policy is post-accident and for probable cause. 100% screening has not been accounted for in the proposal.

Notice to Proceed:

136. GCC will have all hazardous materials in Santa Anita Building removed by April 30,2021

DESIGN DEPENDENCIES

Design Approval Milestones:

137. DPR's schedule is dependent on the following critical design approvals to maintain schedule progress:
- a. Exterior Skin Mockup is yet to be defined. Subsequent GMP Approval Package will include the critical dates needed to maintain schedule.

Use of BIM and Designer's Models:

138. DPR's schedule is dependent on the collaborative use of the Designer's BIM and CAD files.
139. DPR's schedule is dependent on the durations of review and approvals of the BIM coordination effort. This is exhibited in the WBS section titled BIM, in the GMP schedule.



140. The schedule does not include time for extensive back and forth in the BIM coordination that may be impacted by point load issues.

THIRD PARTY DEPENDENCIES

Interaction with Utility Providers

141. DPR understands that the Owner is responsible for final agreements with Utility providers and the schedule is based on major milestones associated with such utilities as outlined below.
- a) Power from switch in GCC electrical manhole for temporary power by June 1, 2021.
 - b) Chilled Water to New Science Building by 12/1/2022.
 - c) So Cal Gas service to the building by 12/1/2022.

Adjacency Restrictions (Rights of Way, Railroads, Air Rights, Neighbors and Easements)

142. DPR assumes use of the site as exhibited by the Site Logistics Plan made a part of this agreement.
143. DPR assumes the use of a tower crane with unrestricted swing zones over adjacent Campus buildings, public street and apartment building owned by others. This swing radius is exhibited on the Site Logistics Plan. Loads being moved by the tower crane will never pass over buildings.
144. DPR assumes the approval of the lane closure on Verdugo as indicated on the Site Logistics Plan, and per the durations as indicated in the Schedule dated 12/9/2020.
145. DPR assumes use of adjacent public parking lots with parking permits provided by the College at no costs.

Jurisdictional Approvals:

146. DPR's schedule is dependent on receiving DSA building permit approvals by start of construction activities on 3/25/2021, as indicated in the baseline schedule.
147. DPR's schedule is dependent on receiving all deferred approvals back within 30 business days of submission to DSA.

Inspections & Commissioning:

148. DPR's schedule is dependent on the jurisdiction having sufficient manpower and inspection capacity to provide timely inspections with 24 hours of notification.
149. DPR's schedule is dependent on any 3rd party inspector having sufficient manpower and inspection capacity to provide timely inspections with 24 hours of notification.

EXECUTION ASSUMPTIONS



Substantial & Final Completion Assumption

150. Substantial Completion is noted on the schedule. This is the date where the project is sufficiently complete so the owner can start the process of occupancy of all the designated portions of the building. GCC has generally noted that they will need to start activities of classroom functions by the third week in August 2023. The schedule provides 5 weeks for the College move in process. This operation will be concurrent with the 3rd party Commissioning process. Without impacting the activities necessary to achieve Substantial Completion, DPR will endeavor to coordinate some of the College's move in efforts prior to Substantial Completion.

Incorporation of Key Subcontractor Buyout into Master Schedule:

151. Upon completion of buyout, the baseline schedule may be adjusted in order to incorporate the sequence and performance durations of the key subcontractors.

Commissioning & Start-up

152. DPR forces will perform a start-up and pre-commissioning effort to deliver a fully functioning system. This will be prior to Substantial Completion. At the point of Substantial Completion the Colleges 3rd party commissioning agent will complete their effort. This will be concurrent with Colleges move in efforts.

Work of Owner's Separate Contractors

153. Per the notes in Substantial & Final Completion Assumptions section, and Commissioning & Start up section, the College's IT contractors will need to work within the conditions of the site

Work Hours:

154. In general, the Contract Price and Schedule are based upon a 40-hour work week during "normal working hours" from 7:00 AM to 4:00 PM, Monday – Friday. The following are exceptions to this general assumption:

- a. Activities/Sequences with overtime included:
 - a. Street closures to assemble tower crane and manlift.
- b. Activities/Sequences with alternative shifts included:
 - a. Miscellaneous Campus shutdowns to tie ins of critical systems that will be scheduled with the College to minimize impacts to operations, within reasonable schedule constraints.

Submittal / RFI Review Time:

155. DPR's schedule is dependent on all project participants complying with timeframes in the Schedule. This Early Work Package submittal review times are as a part of the Project schedule. Specific focus is on the items identified under WBS in the Project schedule titled First Bid Release. Specific reference and focus will be on the Structural Steel subtitle under the aforementioned First Bid Release.



156. There is not a singularly defined timeframe for review period for approvals in the contract documents. DPR will create a submittal / procurement schedule that spreads out needed submittal packages to meet GMP schedule, while not overloading the design consultants. As a general rule the schedule assumes review processes will not exceed 15 working days, with the majority no longer than 10 working days.
157. With regard to RFI review durations, the schedule is based on responses within 5 working days, with an occasional 10 working days based on the complexity of the issue.

Weather Exposure:

158. **Weather Allowance:** A weather allowance of 30 weather delay days (work days) has been included in the schedule and accounted for in the budget based on DPR's experience for projects in this project's location. This weather allowance is included in the baseline schedule as Activity COMP.1030 under the Inspections; Weather Allowance WBS. As weather associated delays occur the remaining duration of the activity will be reduced accordingly. The impact of precipitation on construction productivity is highly dependent upon factors other than the quantity of rainfall per day on the jobsite. Construction activities can be impacted by weather to different extents depending upon the specific work being performed at that time. Weather impacts include the time to recover from the weather event and restore the site to the pre-event condition, and can also include wind impacts.
159. **Weather Protection Assumptions:** DPR has included appropriate weather protection means, methods and materials in sufficient quantity to protect the work against typical weather events for the project location and time of year.
160. **Seasonal Adjustment/Shift:** DPR has considered seasonal weather exposures in the schedule. Delays that shift weather sensitive work from good weather periods to periods with bad weather conditions may cause an excusable impact in the time and cost of performance.

- End of Qualifications -

2. Bid Tallies

**BID
TALLIES**



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	02775 Site Concrete					Bomel Construction Co., Inc.				J&M Concrete Contractors				Shaw & Sons, Inc.				Trademark Concrete Systems, Inc.				DPR Estimate Value			
	Site Concrete					Shawn Devine (714) 920-2204 sdevine@bomelconstruction.com				Tony Naranjo (714) 978-2222 x107 tnaranjo@jmcontractors.com				Christie Amorde (949) 642-0660 christie@shawconstruction.com				Kyle Boyer (714) 970-8200 x3 kyle@trademarkconcrete.com							
Scope of Work:	Feb 26,2021					Prequalification Status				Prequalification Status				Prequalification Status				Recommended							
Bid Date:	Feb 26,2021					Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents							
		Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value					
1.00	BASE BID (bidder's proposed value)																								
1.01	Pedestrian Paving and Sidewalks	✓			included	✓			\$732,559	✓			\$419,500	✓	9,203		\$222,722			\$1,235,225					
1.02	Ramps, Stairs, Landings	✓			included	✓			\$230,160	✓			110,920.80	✓	2,006		\$142,613								
1.03	Curb & Gutter	✓			included	✓			\$134,640	✓			\$896	✓	12		\$12,378								
1.04	Light Standard Bases , Bollard light footings, fence post bases	✓			included	✓			\$126,853	✓			\$138,450	✓	18		\$78,859								
1.05	Utility Pads	✓			included	✓			\$13,580	✓			\$18,350	✓	160		\$23,735								
1.06	Other (ccurbing, mow strips, swales, drainage, structural, etc.)	✓			included	✓			\$82,123	✓			\$217,907	✓	1,164		\$86,249								
1.07	Seat Walls	✓			included	✓			\$75,798	✓			\$85,085	✓	83		\$54,712								
1.08	Skateboard deterrents	✓			included	✓			\$9,687	✓			\$7,800	✓	17		\$12,711								
1.09	Detectable Warnings	✓			included	✓			\$29,293	✓			\$29,445	✓	41		\$13,158								
1.10	Reinforcing Steel for Site Concrete	✓			included	✓	Included		\$0	✓			\$265,050	✓	20,131		\$50,990			gn Contingency & Escalation \$80,290					
	BASE BID VALUE				\$1,142,229				\$1,434,694				\$1,182,483				\$698,127			\$1,315,515					
2.00	BID VERIFICATION & DUE DILLIGENCE					Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value					
2.01	Phase 2 work	✓			(\$430,279)	!			(\$430,000)	!			(\$430,000)	✓			not included								
2.02	3 mobilizations required	!				!				!				✓			included								
2.03																									
2.04																									
2.05																									
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				(\$430,279)				(\$430,000)				(\$430,000)				\$0			\$0					
3.00	SUBCONTRACT VALUE					\$711,950				\$1,004,694				\$752,483				\$698,127				\$1,315,515			
4.00	INSURANCE & TAX					Rate	Value	Rate	Value	Rate	Value	Rate	Value	Rate	Value	Rate	Value								
	INSURANCE & TAX SUBTOTAL						\$0		\$0		\$0		\$0		\$0		\$0				\$0				
5.00	COSTS TO COMPLETE (scope associated with the work)					Qty	Unit	Value	Qty	Unit	Value	Qty	Unit	Value	Qty	Unit	Value	Qty	Unit	Value					
5.01	Ramps and retaining walls at main entry (partial Ph 2 work)				\$398,000			\$398,000			\$398,000			\$398,000			\$398,053								
5.02	Patch and repair at curbs - Campus road along Verdugo				\$20,000			\$20,000			\$20,000			\$20,000			\$20,000								
5.03	Mockups				\$10,000			\$10,000			\$10,000			\$10,000			\$10,000								
5.04	Temporary handrails at phase 1 - phase 2 line.				\$15,000			\$15,000			\$15,000			\$15,000			\$15,000								
5.05																									
5.06																									
5.07																									
5.08																									
5.09																									
5.10																									
	COSTS TO COMPLETE SUBTOTAL				\$443,000			\$443,000			\$443,000			\$443,053			\$443,053			\$0					



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	02775 Site Concrete	Bomel Construction Co., Inc.	J&M Concrete Contractors	Shaw & Sons, Inc.	Trademark Concrete Systems, Inc.	DPR Estimate Value
Scope of Work:	Site Concrete	Shawn Devine (714) 920-2204 sdevine@bomelconstruction.com	Tony Naranjo (714) 978-2222 x107 tnaranjo@jmcontractors.com	Christie Amorde (949) 642-0660 christie@shawconstruction.com	Kyle Boyer (714) 970-8200 x3 kyle@trademarkconcrete.com	
Bid Date:	Feb 26,2021				Recommended	
6.00	TOTAL PACKAGE VALUE	\$1,154,950	\$1,447,694	\$1,195,483	\$1,141,180	\$1,315,515
	% Variance from DPR Estimate Value	-12%	10%	-9%	-13%	
	\$ Variance from DPR Estimate Value	(\$160,565)	\$132,179	(\$120,032)	(\$174,335)	
	DPR'S RECOMMENDED BIDDER	-	-	-	Trademark Concrete Systems, Inc.	
	Comments					



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	02900 Landscaping	BrightView Landscape Development, Inc.				Marina Landscape, Inc.				Pierre Landscape, Inc.				DPR Estimate Value			
Scope of Work:	Landscaping	Chad Benton (818) 612 - 8001 Chad. Benton@birghtview.com				Chris Groby (714) 864-9671 CGroby@marinaco.com				Steve Andrews (626) 239-3927 x6723 sandrews@pierrelandscape.com							
Bid Date:	Feb 26,2021	Prequalification Status				Prequalification Status				Prequalification Status							
		Predicted Safety Incidents	0.01			Predicted Safety Incidents	0.46			Predicted Safety Incidents	1.26						
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
1.01	Ground Cover	✔	947	ea	\$6,743	✔	1	ls	\$4,000	✔	1	ls	\$589			\$456,066	
1.02	Shrubs	✔	549	ea	\$20,330	✔	1	ls	\$20,000	✔	1	ls	\$21,103				
1.03	Trees	✔	29	ea	\$26,293	✔	1	ls	\$28,000	✔	1	ls	\$24,681				
1.04	Import Topsoil & Geofoam for Pottery Only	✔	216	sf	\$14,580	✔	1	ls	\$2,700	✔	1	ls	\$6,978				
1.05	Soil Amendments	✔	8,823	sf	\$3,794	✔	1	ls	\$6,500	✔	1	ls	\$7,028				
1.06	Mulch	✔	9,039	sf	\$6,509	✔	1	ls	\$10,000	✔	1	ls	\$10,500				
1.07	Haul off Spoils	✔	41	cy	\$3,303	✔	1	ls	\$15,000	✔	1	ls	\$2,235				
1.08	Landscape Maintenance - 90 days	✔	1	ls	\$3,239	✔	1	ls	\$7,000	✔	1	ls	\$2,923				
1.09	Pre-Fabricated Planters	✔	18	ea	\$58,124	✔	1	ls	\$72,000	✔	1	ls	\$68,992				
1.10	Vine Trellis System	✔	450	sf	\$13,379	✔	1	ls	\$15,000	✔	1	ls	\$11,559				
1.11	Landscape Boulders	✔	3	ea	\$1,747	✔	1	ls	\$3,000	✔	1	ls	\$9,552				
1.12	Tree Grates	✔	4	ea	\$14,416	✔	1	ls	\$14,000	✔	1	ls	\$24,876				
1.13	Decorative Rocks and Steel Edging	✔	1	ls	\$1,435	✔	1	ls	\$600	✔	1	ls	\$2,291				
1.14	Irrigation System	✔	1	ls	\$62,305	✔	1	ls	\$75,000	✔	1	ls	\$75,565				
1.15	Site Furnishing (Bicycle Racks, Bike Lockers)	✔	2	ea	\$8,496	✔	1	ls	\$8,400	✔	1	ls	\$11,011				
1.16	Other	✔	1	ls	\$24,079	✔	1	ls	\$36,000	✔	1	ls	\$30,199				
	BASE BID VALUE				\$268,772				\$317,200				\$310,082			\$456,066	
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
2.01	Remove - Bike Racks (OFOI per Matrix)	✔			Not included	✔			not included	✔			(\$3,442)				
	BID VERIFICATION & DUE DILLIGENCE				\$0				\$0				(\$3,442)			\$0	
3.00	SUBCONTRACT VALUE				\$268,772				\$317,200				\$306,640			\$456,066	
4.00	INSURANCE & TAX			Rate	Value			Rate	Value			Rate	Value				
	INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0			\$0	
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value	Qty	Unit	Value	
5.01	Weekly maintenance of existing Landscaping				\$15,000				\$15,000				\$15,000				
5.02	Checkout and reinstall irrigation at adjacent areas				\$10,000				\$10,000				\$10,000				
5.03	25 Basalt River Tumble Rock under Main Stair 2 at L1				\$1,800				\$1,800				\$1,800				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	02900 Landscaping	BrightView Landscape Development, Inc.	Marina Landscape, Inc.	Pierre Landscape, Inc.	DPR Estimate Value			
Scope of Work:	Landscaping	Chad Benton (818) 612 - 8001 Chad. Benton@birghtview.com	Chris Groby (714) 864-9671 CGroby@marinaco.com	Steve Andrews (626) 239-3927 x6723 sandrews@pierrelandscape.com				
Bid Date:	Feb 26,2021							
5.04	Move-ins for irrigation sleeves	\$2,500	\$2,500	\$2,500				
5.05	Fill at Landscape areas	\$7,500	\$7,500	\$7,500				
COSTS TO COMPLETE SUBTOTAL		\$36,800	\$36,800	\$36,800				\$0
6.00	TOTAL PACKAGE VALUE	\$305,572	\$354,000	\$343,440	\$456,066			
	% Variance from DPR Estimate Value	-33%	-22%	-25%				
	\$ Variance from DPR Estimate Value	(\$150,494)	(\$102,066)	(\$112,626)				
DPR'S RECOMMENDED BIDDER		BrightView Landscape Development, Inc.	-	-				
Comments		Union	Union	Union				



PROJECT NAME

Bid Evaluation Sheet

Bid Package:	05500 - Misc Metals	Bapko Metal, Inc.				Muhlhauser Steel, Inc.				Southwest Steel of California, Inc.				DPR Estimate Value						
		Victor Callirgos vcallirgos@bapko.com 714-393-9585				Chris Muhlhauser chris@msisteel.com 909-877-2792				Dan VanVerth dan.vanverth@sws-steel.com 702-320-4900										
Scope of Work:		714-393-9585				909-877-2792				702-320-4900										
Bid Date:		Recommended																		
		Prequalification Status				Prequalification Status				Prequalification Status										
		Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents										
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value		Qty	Unit	Value			
	Site Handrails, guardrails, cable rails (phase 1)	✓	1,040	lf	\$397,915	✓			\$270,000	✓	185	lf	\$48,271				\$916,695			
	Building handrails & guardrails	✓	112	lf	\$78,918	✓			\$55,000	✓	126	lf	\$55,938							
	Cane detection	✓	87	lf	\$35,632	✓			\$7,000	✓	218	lf	\$76,936							
	Elevator hoistway separation screen	✓	600	sf	\$57,613	✓			\$21,000	✓	31	ea	\$219,639							
	Operable partition supports	✓	2	plans	\$79,992	✓			\$59,000	✓	2	tn	\$90,256							
	Roof tie-off posts	✓	12	of	\$23,477	✓			\$8,000	✓	12	ea	\$20,882							
	Elevator pit ladders	✓	2	of	\$5,236	✓			\$4,000	✓	2	ea	\$6,445							
	Metal gate assemblies	✓	1	pair	\$26,298	✓			\$9,000	✓	1	ea	\$20,318							
	Steel trellis	✓	1	plan	\$103,687	✓			\$107,000	✓	6	tn	\$126,355							
	Entry canopy framing	✓	1	plan	\$18,460	✓			\$34,000	✓	1	tn	\$20,456							
	Elevator and dumbwaiter guiderail supports and sill angles	✓	10 & 5	ea	\$182,377	✓			\$200,000	✓	11	tn	\$273,654							
	ADA lift steel	✓	1	unit	\$19,816	✓			\$26,000	✓	1	tn	\$21,078							
	Misc embeds		1	ls	\$6,048															
	Other		general conditions		\$44,000										Design Conting. & Escalation		\$59,585			
	BASE BID VALUE				\$1,079,469				\$800,000				\$980,228				\$976,280			
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value		Qty	Unit	Value			
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				\$0				\$0				\$0				\$0			
3.00	SUBCONTRACT VALUE		\$1,079,469					\$800,000					\$980,228				\$976,280			
4.00	INSURANCE & TAX		Rate		Value		Rate		Value		Rate		Value				Value			
	INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0				\$0			
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value			
5.01	Glass guardrail at lobby stair #2		in interior glass & glazing package				in interior glass & glazing package				in interior glass & glazing package									
5.02	S.S. bollards				phase 2				phase 2				phase 2							
5.03	Countertop supports				\$15,000				\$15,000				\$15,000							
5.04	Chainlink fence and gates at generator enclosure - 6' high				\$17,200				\$17,200				\$17,200							
5.05	NOMMA # 1 welds at railings - RFI / constructability w/ Galv. Finish				included				\$45,000				included NOMMA #2							
5.06																				
5.07																				



PROJECT NAME

Bid Evaluation Sheet

Bid Package:	05500 - Misc Metals	Bapko Metal, Inc.			Muhlhauser Steel, Inc.			Southwest Steel of California, Inc.			DPR Estimate Value		
		Victor Callirgos ycallirgos@bapko.com 714-393-9585			Chris Muhlhauser chris@msisteel.com 909-877-2792			Dan VanVerth dan.vanverth@sws-steel.com 702-320-4900					
Scope of Work:													
5.08													
5.09													
5.10													
	COSTS TO COMPLETE SUBTOTAL			\$32,200			\$77,200			\$32,200			\$0
6.00	TOTAL PACKAGE VALUE	\$1,111,669			\$877,200			\$1,012,428			\$976,280		
	% Variance from DPR Estimate Value	14%			-10%			4%					
	\$ Variance from DPR Estimate Value	\$135,389			(\$99,080)			\$36,148					
	DPR'S RECOMMENDED BIDDER	-			Muhlhauser Steel, Inc.			-					
	Comments												



**Glendale Community College - New Science Building
Bid Evaluation Sheet**

Bid Tally Sheet

Bid Package:	07210 Insulation				Alcal Specialty Contracting, Inc.				Alert Insulation Co., Inc.				Dittemore Insulation Contractors, Inc.				DPR Estimate Value			
Scope of Work:	Insulation				Eric Steel (323) 923-3424 eric.steel@alcal.com				Jeff Chaffin (626) 890-0809 Jeff@alertinsulation.net				Rob Foran (714) 289-7095 rob@dittemore.net							
Bid Date:	Feb 26,2021				Prequalification Status				Prequalification Status				Prequalification Status							
				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents								
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value		Qty	Unit	Value			
1.01	Batt Insulation @ Interior	✓			\$87,406	✓			\$77,590	✓			\$75,460				\$128,000			
1.02	Batt Insulation @ Exterior Walls and Soffits	✓			\$86,683	✓			\$68,980	✓			\$47,500				\$103,729			
1.03	Fire Safing @ Slab Edge	✓			\$45,295	✓			\$32,400	✓			\$75,210							
1.04	Batt Insulation @ Penthouse Deck	✓			\$3,039	✗			not included	✓			\$35,300							
1.05	Other	✓			\$42,564				n/a				n/a							
	BASE BID VALUE				\$264,987				\$178,970				\$233,470				\$231,729			
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value		Qty	Unit	Value			
	Batt Insulation @ underside of Penthouse deck - Attachment Mechanism per Specs 07 21 13-3 (Detail 16/A10.16 shows different Attachment mechanism) Construction RFI Pending.	✓			included	!			\$65,250	✓			included							
	REMOVE - Batt Insulation Fasteeners at 36 O.C per 3.02J/07 21 00-5 (Not required per manufacturer recommendation) Construction RFI pending.	✓			(\$42,564)	✓			not included	✓			not included							
	REMOVE - Edge of slab fire safing @ Curtainwall - Included in Exterior Glazing Scope	✓			(\$2,976)	✓			(\$2,700)	✓			(\$5,720)							
	REMOVE - Insulation at Spandrell/Curtainwall - Included in Exterior Glazing Scope.	✓			(\$12,632)	✓			not included	✓			(\$24,050)							
	BID VERIFICATION & DUE DILLIGENCE				(\$58,172)				\$62,550				(\$29,770)				\$0			
3.00	SUBCONTRACT VALUE				\$206,815				\$241,520				\$203,700				\$231,729			
4.00	INSURANCE & TAX		Rate		Value		Rate		Value		Rate		Value							
	INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0				\$0			
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value			
	COSTS TO COMPLETE SUBTOTAL				\$0				\$0				\$0				\$0			



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	07210 Insulation	Alcal Specialty Contracting, Inc.	Alert Insulation Co., Inc.	Dittemore Insulation Contractors, Inc.	DPR Estimate Value
Scope of Work:	Insulation	Eric Steel (323) 923-3424 eric.steel@alcal.com	Jeff Chaffin (626) 890-0809 Jeff@alertinsulation.net	Rob Foran (714) 289-7095 rob@dittemore.net	
Bid Date:	Feb 26,2021				
6.00	TOTAL PACKAGE VALUE	\$206,815	\$241,520	\$203,700	\$231,729
	% Variance from DPR Estimate Value	-11%	4%	-12%	
	\$ Variance from DPR Estimate Value	(\$24,914)	\$9,792	(\$28,029)	
	DPR'S RECOMMENDED BIDDER	-	-	Dittemore Insulation Contractors, Inc.	
	Comments				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	07250 Fireproofing				Cell-Crete Corporation				Alert insulation				Martin Bros. / Marcowal, Inc.				Rutherford Co., Inc.				The Nevell Group, Inc.				DPR Estimate Value			
Scope of Work:	Fireproofing				(626) 357-3500 x115 rtyrell@cell-crete.com				626-961-9113 brian@alertinsulation.net				(310) 532-5335				(323) 666-5284 david@rutherfordco.net				(714) 579-7501 shannon@nevellgroup.com							
Bid Date:	Feb 19,2021				No bid form / excluded intumescent				No bid form / excluded intumescent				Recommended															
		Prequalification Status		Predicted Safety Incidents				Prequalification Status		Predicted Safety Incidents				Prequalification Status		Predicted Safety Incidents				Prequalification Status		Predicted Safety Incidents						
		Confirm	Qty	Unit	Value				Confirm	Qty	Unit	Value			Confirm	Qty	Unit	Value			Confirm	Qty	Unit	Value				
1.00	BASE BID (bidder's proposed value)																											
1.01	Cementitious Fireproofing	✓			\$354,529	✓			\$400,000	✓			\$323,000	✓			\$483,000	✓			\$280,396				\$435,000			
1.02	Intumescent Fireproofing	✗			excluded	✓			\$300,000	✗			excluded	✓			\$255,000	✓			\$147,841							
1.03	Composite Cleanup	✗			excluded	✓			\$15,000	✗			\$660/unit	✓			\$4,000	✓			\$2,500							
1.04	Other	✗			excluded																							
	BASE BID VALUE							\$354,529				\$715,000					\$323,000				\$742,000			\$430,737	Design Conting./Escalation	\$28,275		
2.00	BID VERIFICATION & DUE DILLIGENCE				Confirm	Qty	Unit	Value					Confirm	Qty	Unit	Value					Confirm	Qty	Unit	Value				
2.01	Gable Roof Framing	!			no bid form	✓			included	✓			included	✓			included	✓			\$92,397							
2.02																												
2.03																												
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL							\$0				\$0				\$0					\$92,397				\$0			
3.00	SUBCONTRACT VALUE							\$354,529				\$715,000				\$323,000				\$742,000				\$523,134	\$463,275			
4.00	INSURANCE & TAX					Rate		Value						Rate		Value					Rate		Value					
	INSURANCE & TAX SUBTOTAL							\$0				\$0				\$0				\$0				\$0	\$0			
5.00	COSTS TO COMPLETE (scope associated with the work)					Qty	Unit	Value						Qty	Unit	Value					Qty	Unit	Value					
5.01	Fireproof Patching				\$50,000				included				\$50,000				\$50,000							\$50,000				
5.02	Touch-up / prep steel at intumescent				\$15,000				\$15,000				\$15,000				\$15,000							\$15,000				
5.03	Intumescent Paint				\$150,000				included				\$150,000				included							included				
5.04																												
5.05																												
	COSTS TO COMPLETE SUBTOTAL							\$215,000				\$15,000				\$215,000				\$65,000				\$65,000	\$0			
6.00	TOTAL PACKAGE VALUE							\$569,529				\$730,000				\$538,000				\$807,000				\$588,134	\$463,275			
	% Variance from DPR Estimate Value							23%				16%			74%					27%								
	\$ Variance from DPR Estimate Value							\$106,254				\$74,725				\$343,725				\$124,859								
	DPR'S RECOMMENDED BIDDER							-				-				-								The Nevell Group, Inc.				
	Comments							Did not submit Bid Form - Non-Responsive				Not licensed to apply carboline, so submitted alternate product.				Excluded several items on bid form: prtction, cleaning of overspray, prep of steel, and intumescent RFI response - Non-Responsive												



**Glendale Community College - New Science Building
Bid Evaluation Sheet**

Bid Tally Sheet

Bid Package:	07500 Roofing				Anning-Johnson Company				Best Contracting Services, Inc.				Letner Roofing Company				DPR Estimate Value						
Scope of Work:	Roofing				NO BID				Ryan Garcia				Tyler Olson										
Bid Date:	Feb 26,2021				(626) 369-7131				(310) 864-0104				(714) 900-4219										
					RKent@anningjohnson.com				rgarcia@bestcontracting.com				tolson@letner.com										
Prequalification Status					Prequalification Status					Prequalification Status													
Predicted Safety Incidents					0.05					0.22					0.44								
1.00	BASE BID (bidder's proposed value)				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value				
1.01	Single Ply PVC Roofing								✓	1	ls	\$170,000	✓	6,300	sf	\$160,590							
1.02	Metal Tile Roofing								✓	1	ls	\$752,000	✓	20,890	sf	\$349,000			\$739,956				
1.03	Walking Pads								✓	1	ls	\$1,500	✓	60	lf	included							
1.04	Pedestal Paver System								✓	1	ls	\$90,000	✓	1,200	sf	\$65,700			\$41,582				
1.05	Pedestrial Traffic Coating								✓	1	ls	\$40,000	✓	100	sf	\$3,750							
1.06	Between Slab Waterproofing at upper levels								✓	1	ls	\$228,000	✓	670	sf	\$30,550							
1.07	Composite Cleanup								✓	1	ls	\$8,000	✓			\$6,600							
1.08	Other																						
	BASE BID VALUE							\$0				\$1,289,500				\$616,190			\$781,538				
2.00	BID VERIFICATION & DUE DILLIGENCE				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value				
2.01	REMOVE - Traffic Coating. In Epoxy scope.								✓	in epoxy		(\$40,000)	✓	in epoxy		(\$3,750)							
2.02	Decra Villa Metal Roofing Tile - RFI #10								✓			included	✓			\$19,750							
2.03	Expansion Joints and assemblies - In Sheet Metal scope.								✗			in sheet metal	✗			in sheet metal							
2.04	Rigid Insulation, Weather Barrie, Sheating @ Metal Tile Roof								✓			included	✓	ADD ALT		\$134,800							
2.05	Ridge Beam Continuous 16 GA Bent Plate (11/A10.40)								✓			included	✓	ADD ALT		\$70,000							
	BID VERIFICATION & DUE DILLIGENCE							\$0				(\$40,000)				\$220,800			\$0				
3.00	SUBCONTRACT VALUE							\$0				\$1,249,500				\$836,990			\$781,538				
4.00	INSURANCE & TAX				Rate	Value	Rate	Value	Rate	Value	Rate	Value											
	INSURANCE & TAX SUBTOTAL					\$0		\$0		\$0		\$0		\$0		\$0			\$0				
5.00	COSTS TO COMPLETE (scope associated with the work)				Qty	Unit	Value	Qty	Unit	Value	Qty	Unit	Value	Qty	Unit	Value							
5.01	Temporary Roofing												\$25,000			\$25,000							
	COSTS TO COMPLETE SUBTOTAL						\$0			\$25,000			\$25,000			\$25,000			\$0				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	07500 Roofing	Anning-Johnson Company	Best Contracting Services, Inc.	Letner Roofing Company	DPR Estimate Value
Scope of Work:	Roofing	NO BID (626) 369-7131 RKent@anningjohnson.com	Ryan Garcia (310) 864-0104 rgarcia@bestcontracting.com	Tyler Olson (714) 900-4219 tolson@letner.com	
Bid Date:	Feb 26,2021				
6.00	TOTAL PACKAGE VALUE	\$0	\$1,274,500	\$861,990	\$781,538
	% Variance from DPR Estimate Value	-100%	63%	10%	
	\$ Variance from DPR Estimate Value	\$0	\$492,962	\$80,452	
	DPR'S RECOMMENDED BIDDER	-	-	Letner Roofing Company	
	Comments				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	08100 Doors Frames Hardware				G & G Door Products, Inc.				Roy E Whitehead, Inc				Southwest Door & Frame, Inc				DPR Estimate Value					
Scope of Work:	Doors Frames Hardware				Bernie Gabel (714) 228-2008 x101 bernie@ggdoor.net				Dan Gilley (951) 682-1490 dgilley@therewcrew.com				Sean Feeney (909) 465-6705 x25 Sean@swi-ca.com									
Bid Date:	Feb 26,2021				Recommended																	
					Prequalification Status				Prequalification Status				Prequalification Status									
					Predicted Safety Incidents		2.14		Predicted Safety Incidents				Predicted Safety Incidents									
1.00	BASE BID (bidder's proposed value)				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value			Qty	Unit	Value	
1.01	Hollow Metal Frames				✓			\$46,639	✓			\$51,675	✓			\$31,300						\$576,900
1.02	Hollow Metal Doors				✓			\$44,165	✓			\$58,365	✓			\$45,600						
1.03	Wood Doors				✓			\$93,600	✓			\$163,120	✓			\$134,400						
1.04	Aluminum Frames				✗	in interior glazing package			✗	in interior glazing package			✓			\$43,900						
1.05	Finish Hardware				✓			\$209,865	✓			\$205,055	✓			\$343,000						
1.06	Wood Sliding Door				✓			included	✗				✗									
1.07	Door Lites in Hollow Metal and Wood Doors				✓			included	✓			\$36,045	✓			\$29,300						
1.08	Other						installation	\$134,481	✓			\$83,815	✓			\$0						
																	Design Conting. & Escalation				\$37,499	
					BASE BID VALUE				\$528,750					\$598,075					\$627,500			\$614,399
2.00	BID VERIFICATION & DUE DILLIGENCE				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value			Qty	Unit	Value	
2.01	Aluminum frames				✗	in interior glazing package			✗	in interior glazing package						(\$43,900)						
2.02																						
2.03																						
2.04																						
2.05																						
					BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				\$0					\$0					(\$43,900)			\$0
3.00	SUBCONTRACT VALUE				\$528,750				\$598,075				\$583,600				\$614,399					
4.00	INSURANCE & TAX				Rate		Value		Rate		Value		Rate		Value							
					INSURANCE & TAX SUBTOTAL				\$0					\$0					\$0			\$0
5.00	COSTS TO COMPLETE (scope associated with the work)				Qty		Unit		Value		Qty		Unit		Value		Qty		Unit		Value	
5.01	Electrified Hardware / Security Coordination				1		Is		\$25,000						\$25,000						\$25,000	
5.02	Temp Doors								\$4,800						\$4,800						\$4,800	



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	08100 Doors Frames Hardware			G & G Door Products, Inc.	Roy E Whitehead, Inc	Southwest Door & Frame, Inc	DPR Estimate Value
Scope of Work:	Doors Frames Hardware			Bernie Gabel (714) 228-2008 x101 bernie@ggdoor.net	Dan Gilley (951) 682-1490 dgilley@therewcrew.com	Sean Feeney (909) 465-6705 x25 Sean@swi-ca.com	
Bid Date:	Feb 26,2021			Recommended			
5.03	Temp Door Protection			\$20,000	\$20,000	\$20,000	
5.04	Grouting of Frames			\$8,250	\$8,250	\$8,250	
5.05							
5.06							
5.07							
5.08							
5.09							
5.10							
COSTS TO COMPLETE SUBTOTAL				\$58,050	\$58,050	\$58,050	\$0
6.00	TOTAL PACKAGE VALUE			\$586,800	\$656,125	\$641,650	\$614,399
	% Variance from DPR Estimate Value			-4%	7%	4%	
	\$ Variance from DPR Estimate Value			(\$27,599)	\$41,726	\$27,251	
DPR'S RECOMMENDED BIDDER		G & G Door Products, Inc.			-	-	
Comments							



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09260 Drywall				Standard Drywall, Inc.				The Nevell Group, Inc.				Rutherford Co., Inc.				DPR Estimate Value		
	Drywall				Randy McCorquodale (619) 443-7034 RandyM@standarddrywall.com				Shannon Phillips (714) 579-7501 shannon@nevellgroup.com				David Rutherford (323) 666-5284 david@rutherfordco.net						
Scope of Work:	Feb 19,2021				Recommended				Prequalification Status				Prequalification Status						
Bid Date:	Feb 19,2021				Prequalification Status				Prequalification Status				Prequalification Status				Prequalification Status		
				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents			
				0.21				0.16				2.06							
1.00	BASE BID (bidder's proposed value)			Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
1.01	Scaffolding at building exterior			✓			\$282,460	✓			\$6,101,000	✓			\$8,977,000			\$6,432,772	
1.02	Stair towers			✓			\$38,205	✓			included	✓			included				
1.03	Exterior framing			✓			\$1,580,895	✓			included	✓			included				
1.04	Exterior sheathing			✓			\$247,595	✓			included	✓			included				
1.05	Interior wall framing and drywall			✓			\$3,297,600	✓			included	✓			included				
1.06	Interior drywall ceilings and soffits			✓			\$1,581,190	✓			included	✓			included				
1.07	Installation of hollow metal door frames			✓			\$39,950	✓			included	✓			included				
1.08	Metal backing			✓			\$162,480	✓			included	✓			included				
1.09	Project Management and Supervision			✓			\$151,200	✓			included	✓			included				
1.10	BIM Coordination			✓			\$60,000	✓			included	✓			included				
1.11	Penetration firestopping			✓			\$155,615	✓			included	✓			included				
1.12																			
	BASE BID VALUE						\$7,597,190				\$6,101,000				\$8,977,000			\$6,853,177	
																Design Conting./Escalation		\$420,405	
2.00	BID VERIFICATION & DUE DILLIGENCE			Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
	BID VERIFICATION & DUE DILLIGENCE						\$0				\$0				\$0			\$0	
3.00	SUBCONTRACT VALUE						\$7,597,190				\$6,101,000				\$8,977,000	\$6,853,177			
4.00	INSURANCE & TAX				Rate		Value		Rate		Value		Rate		Value				
	INSURANCE & TAX SUBTOTAL						\$0				\$0				\$0	\$0			
5.00	COSTS TO COMPLETE (scope associated with the work)				Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value	Qty	Unit	Value	
5.01	High Impact Drywall Allowance- Pending RFI Response						in allowances				in allowances				in allowances				
5.02	Supplemental Backing at Metal Panels						\$50,000				\$50,000				\$50,000				
5.03	Removal / Patching of drywall due to trade coordination						\$25,000				\$25,000				\$25,000				
5.04																			
5.05																			
5.06																			
5.07																			
5.08																			



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09260 Drywall	Standard Drywall, Inc.	The Nevell Group, Inc.	Rutherford Co., Inc.	DPR Estimate Value
Scope of Work:	Drywall	Randy McCorquodale (619) 443-7034 RandyM@standarddrywall.com	Shannon Phillips (714) 579-7501 shannon@nevellgroup.com	David Rutherford (323) 666-5284 david@rutherfordco.net	
Bid Date:	Feb 19,2021		Recommended		
5.09					
5.10					
	COSTS TO COMPLETE SUBTOTAL	\$75,000	\$75,000	\$75,000	\$0
6.00	TOTAL PACKAGE VALUE	\$7,672,190	\$6,176,000	\$9,052,000	\$6,853,177
	% Variance from DPR Estimate Value	12%	-10%	32%	
	\$ Variance from DPR Estimate Value	\$819,013	(\$677,177)	\$2,198,823	
	DPR'S RECOMMENDED BIDDER	-	The Nevell Group, Inc.	-	
	Comments				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09300 Tile	Charles McCandless Tile Contractor, Inc.				Continental Marble and Tile Company				Inland Pacific Tile, Inc.				Premier Tile & Marble				DPR Estimate Value			
Scope of Work:	Tile	Estimating Department (714) 542-4433 bids@mccandlesstile.com				George R Ballantyne (951) 284-1776 x101 george@cmtc.us				Rich Jacobs (909) 890-4526 rich@inlandpacifictile.com				Greg Games, Sr (310) 516-1712 ggames@premiertile.com							
Bid Date:	Feb 26, 2021									Recommended											
		Prequalification Status				Prequalification Status				Prequalification Status				Prequalification Status							
		Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents							
										1.65											
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
1.01	Ceramic Tile (CT1 - CT11)				\$344,750				\$362,458				\$337,300				\$394,883			\$410,719	
1.02	Ceramic Tile Base (CTB-1 & CTB-2)				\$3,500				Incl				\$12,600				\$2,810				
1.03	Schluter Dilex-AHK - Aluminum Cove-Shaped Transition Strip (ACB-1)				\$12,000				Incl				\$5,000				\$9,557				
																				Design Conting. & Escalation	\$26,697
	BASE BID VALUE				\$360,250				\$362,458				\$354,900				\$407,250				\$437,416
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				\$0				\$0				\$0				\$0				\$0
3.00	SUBCONTRACT VALUE				\$360,250				\$362,458				\$354,900				\$407,250				\$437,416
4.00	INSURANCE & TAX				Value				Value				Value				Value				Value
4.01																					
4.02																					
	INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0				\$0				\$0
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value
5.01	Composite Clean-up Crew			LS	\$1,500			LS	Incl			LS	Incl			LS	Incl				
5.02	Floor prep / floating @ all tile flooring locations			LS	\$27,500			LS	\$27,500			LS	\$27,500			LS	\$27,500				
5.03	Prep at walls to comply with aesthetic intent			LS	\$30,000			LS	\$30,000			LS	\$30,000			LS	\$30,000				
5.04																					
5.05																					
5.06																					
5.07																					
5.08																					
5.09																					
5.10																					
	COSTS TO COMPLETE SUBTOTAL				\$59,000				\$57,500				\$57,500				\$57,500				\$0
6.00	TOTAL PACKAGE VALUE				\$419,250				\$419,958				\$412,400				\$464,750				\$437,416



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09300 Tile	Charles McCandless Tile Contractor, Inc.	Continental Marble and Tile Company	Inland Pacific Tile, Inc.	Premier Tile & Marble	DPR Estimate Value
Scope of Work:	Tile	Estimating Department (714) 542-4433 bids@mccandlesstile.com	George R Ballantyne (951) 284-1776 x101 george@cmtc.us	Rich Jacobs (909) 890-4526 rich@inlandpacifictile.com	Greg Games, Sr (310) 516-1712 ggames@premiertile.com	
Bid Date:	Feb 26,2021			Recommended		
	% Variance from DPR Estimate Value	-4%	-4%	-6%	6%	
	\$ Variance from DPR Estimate Value	(\$18,166)	(\$17,458)	(\$25,016)	\$27,334	
	DPR'S RECOMMENDED BIDDER	-	-	Inland Pacific Tile, Inc.	-	
	Comments					



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09400 Terrazzo	Corradini Corp.	Mike Payne & Associates, Inc.	DPR Estimate Value								
Scope of Work:	Terrazzo	Chris Corradini (323) 221-3191 chrisc@corradinincorp.com	Mike Payne (951) 674-8377 mike@payneterrazzo.com									
Bid Date:	Feb 26,2021	Recommended										
		Prequalification Status	Prequalification Status									
		Predicted Safety Incidents	Predicted Safety Incidents									
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value
1.01	TT1 - Terrazzo Flooring	✔	2,325	sf	\$92,610				\$737,952			\$382,584
	BASE BID VALUE				\$92,610				\$737,952			\$407,452
										Design conting. & escalation		\$24,868
												\$407,452
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value
2.01	5/8" floor fill	✔			\$27,840				\$27,840			
2.02	Deduct epoxy flooring	✔			not included				(\$641,846)			
2.03												
2.04												
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				\$27,840				(\$614,006)			\$0
3.00	SUBCONTRACT VALUE				\$120,450				\$123,946			\$407,452
4.00	INSURANCE & TAX		Rate		Value		Rate		Value			
	INSURANCE & TAX SUBTOTAL				\$0				\$0			\$0
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value	Qty	Unit	Value
5.01	Temp protection		2,325	sf	\$6,975				\$6,975			
5.02	Transitions and reducers - gray areas		1	ls	\$4,500				\$4,500			
5.03	Temp power 480v/220v feed				\$5,000				\$5,000			
5.04	Protection of surrounding areas during placement and grinding				\$8,500				\$8,500			
5.05												
5.06												



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09400 Terrazzo	Corradini Corp.	Mike Payne & Associates, Inc.	DPR Estimate Value			
Scope of Work:	Terrazzo	Chris Corradini (323) 221-3191 chrisc@corradinincorp.com	Mike Payne (951) 674-8377 mike@payneterrazzo.com				
Bid Date:	Feb 26,2021	Recommended					
5.07							
5.08							
5.09							
5.10							
COSTS TO COMPLETE SUBTOTAL			\$24,975			\$24,975	\$0
6.00	TOTAL PACKAGE VALUE		\$145,425	\$148,921	\$407,452		
% Variance from DPR Estimate Value		-64%		-63%			
\$ Variance from DPR Estimate Value		(\$262,027)		(\$258,531)			
DPR'S RECOMMENDED BIDDER		Corradini Corp.		-			
Comments							



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09510 Acoustical Ceilings				Coustic-Glo				Preferred Ceilings, Inc.				The Nevell Group, Inc.				DPR Estimate Value			
Scope of Work:	Acoustical Ceilings				Mark Flanders (805) 432-3320 mark@cousticglo.net				Rick Risser (714) 255-9336 rick@preferredceilings.com				Jonathan Quijano (909) 559-9497 Jquijano@Nevellgroup.com							
Bid Date:	Feb 26,2021				Prequalification Status				Prequalification Status				Prequalification Status							
				Predicted Safety Incidents				Predicted Safety Incidents				Predicted Safety Incidents								
1.00	BASE BID (bidder's proposed value)				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
1.01	Suspended T-bar Ceiling (AC1, AC2, AC3, AC4)				✓	61,150		\$647,658	✓			\$788,900	✓	51,119		\$705,363			\$695,995	
1.02	Acoustical Wall Panels (AWP, AWP2)				✓	460	sf	\$24,102	✓			\$15,100	✓	500		\$23,840				
1.03	Acoustical Metal Ceiling (SPC1)				✓	650	sf	\$73,273	✓			\$69,700	✓	656		\$73,722				
1.04	Composite Cleanup				✓			\$3,200	✓			\$9,700	✓	11	hr	\$6,322				
1.05	BIM Modeling per Exhibit 4				✓			\$5,000	✓			\$8,500	✓	100	hr	\$6,500				
1.06	Other				✓	22	ea	\$21,542				n/a	✓	0.22%	Textura	\$1,785	Design Cont/Escalation		\$45,240	
	BASE BID VALUE							\$774,775				\$891,900				\$817,532			\$741,235	
2.00	BID VERIFICATION & DUE DILLIGENCE				Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
2.01	Project Mounts F&I				✓	22	ea	included					✓			included				
2.02	Seismic Bracing at all Pendant Light Penetrations - 4/A10.33				✓			included					✓	\$54,601.00		included				
2.03	Perimeters 2" Wall angle per detail - 2.60/A10.31.				✓			included					✓			included				
	BID VERIFICATION & DUE DILLIGENCE							\$0				\$0				\$0			\$0	
3.00	SUBCONTRACT VALUE							\$774,775				\$891,900				\$817,532			\$741,235	
4.00	INSURANCE & TAX					Rate		Value		Rate		Value		Rate		Value				
	INSURANCE & TAX SUBTOTAL							\$0				\$0				\$0			\$0	
5.00	COSTS TO COMPLETE (scope associated with the work)					Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value	Qty	Unit	Value	
5.01	Misc repair to ceiling grid							\$8,000.00				\$8,000.00				\$8,000.00				
5.02	Move-ins for ceiling Tiles after commissioning							\$5,500				\$5,500				\$5,500				
5.03	Ceiling repair at IT ceiling cable poles							\$5,500				\$5,500				\$5,500				
5.04	Additional Caulking at acoustical conditions							\$5,000				\$5,000				\$5,000				
	COSTS TO COMPLETE SUBTOTAL							\$24,000				\$24,000				\$24,000			\$0	



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09510 Acoustical Ceilings	Coustic-Glo	Preferred Ceilings, Inc.	The Nevell Group, Inc.	DPR Estimate Value
Scope of Work:	Acoustical Ceilings	Mark Flanders (805) 432-3320 mark@cousticglo.net	Rick Risser (714) 255-9336 rick@preferredceilings.com	Jonathan Quijano (909) 559-9497 Jquijano@Nevellgroup.com	
Bid Date:	Feb 26,2021				
6.00	TOTAL PACKAGE VALUE	\$798,775	\$915,900	\$841,532	
	% Variance from DPR Estimate Value	8%	24%	14%	
	\$ Variance from DPR Estimate Value	\$57,540	\$174,665	\$100,297	
	DPR'S RECOMMENDED BIDDER	Coustic-Glo	-	-	
	Comments				



PROJECT NAME

Bid Evaluation Sheet

Bid Package:	Epoxy Flooring	Commercial Interior Resources				Mark Payne & Associates				Bonas				DPR Estimate Value			
		Phil Bannan				Mike Payne				Mark Cheney							
Scope of Work:		pbannan@cir-resource.com															
Bid Date:	3/30/2017	Recommended				No bid form / did not submit revised bid				No bid form / did not submit revised bid							
		Prequalification Status			Prequalification Status			Prequalification Status			Prequalification Status						
		Predicted Safety Incidents			Predicted Safety Incidents			Predicted Safety Incidents			Predicted Safety Incidents						
1.00	BASE BID (bidder's proposed value)	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
	Epoxy Flooring (EF1, EF2)	✓	13,093	sf	\$353,540	⚠			\$614,454	⚠			\$294,593	Estimate value included in Terrazzo			
	Traffic Coating (EF-3)	✓	307	sf	\$6,620	✓			\$4,500	✓			\$5,296				
	Temporary Protection	✓	13,400	sf	\$10,720	⚠				⚠							
	Floor Prep	✓			included above												
	BASE BID VALUE				\$370,880				\$618,954				\$299,889				
2.00	BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value	
2.01	Temporary protection	✓			included	✗				✗			\$10,720				
2.02	Floor Prep	✓			included	✗				⚠			\$7,500				
2.03	Filled out A2	✓			yes	✗				✗							
2.04																	
2.05																	
	BID VERIFICATION & DUE DILLIGENCE SUBTOTAL				\$0				\$0				\$18,220			\$0	
3.00	SUBCONTRACT VALUE				\$370,880				\$618,954				\$318,109			\$0	
4.00	INSURANCE & TAX		Rate		Value		Rate		Value		Rate		Value			\$0	
	INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0			\$0	
5.00	COSTS TO COMPLETE (scope associated with the work)		Qty	Unit	Value		Qty	Unit	Value		Qty	Unit	Value	Qty	Unit	Value	
5.01	Mockup				\$5,000				\$5,000				\$5,000				
5.02																	
5.03																	
5.04																	
5.05																	
	COSTS TO COMPLETE SUBTOTAL				\$5,000				\$5,000				\$5,000			\$0	
6.00	TOTAL PACKAGE VALUE				\$375,880				\$623,954				\$323,109	\$0			
	% Variance from DPR Estimate Value																
	\$ Variance from DPR Estimate Value				\$375,880				\$623,954				\$323,109				



PROJECT NAME

Bid Evaluation Sheet

Bid Package:	Epoxy Flooring	Commercial Interior Resources	Mark Payne & Associates	Bonas	DPR Estimate Value
Scope of Work:		Phil Bannan pbannan@cir-resource.com	Mike Payne	Mark Cheney	
		949-616-6282	951-674-8377		
DPR'S RECOMMENDED BIDDER		Commercial Interior Resources	-	-	
Comments			Non-Responsive Bid	Non-Responsive Bid	



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09680 Flooring				Commercial Interior Resources				New Tangram, LLC				The M.S. Rouse Company, Inc.				DPR Estimate Value			
	Flooring				Phil Bannan (949) 752-1470 x242 pbannan@cir-resource.com				Mitchel Zelinger mzelinger@tangraminteriors.com				Autumn Absher (310) 764-4695 aabsher@rousecompany.com							
Scope of Work:	Feb 26, 2021				Prequalification Status				Prequalification Status				Prequalification Status				Recommended			
Bid Date:	1.08				0.36				1.77											
	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value					
1.00 BASE BID (bidder's proposed value)																				
1.01 Carpet				\$85,000				\$76,530		1,645	sy	\$77,350			\$446,349					
1.02 Resilient Flooring and Base				\$380,000				\$386,471		51,150	sf	\$371,050								
1.03 Walk-Off Mats				\$5,000				\$9,547		63	sy	\$3,800								
1.04 Temporary Protection				\$44,388				\$16,864				\$25,000								
1.05 Floor Prep				\$3,600				\$82,521				minor prep included								
1.06 Schuter Transitions / stair nosings				\$12,500				\$21,249				\$5,000								
1.07 Other				\$49,512									Design Conting. & Escalation		\$30,327					
BASE BID VALUE				\$580,000				\$593,182				\$482,200			\$476,676					
2.00 BID VERIFICATION & DUE DILLIGENCE	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Confirm	Qty	Unit	Value	Qty	Unit	Value					
2.01 Sealed Concrete				in painting				in painting				in painting								
2.02 Polished Concrete				see CTCs below				see CTCs below				see CTCs below								
2.03 Composite cleanup	✓			included					⚠			confirm								
2.04 Moisture testing	✓			included					⚠			confirm								
2.05 Final cleaning of floors	✓			cluded - alt deduct (\$9,851)				by final cleaning sub				by final cleaning sub								
2.06																				
2.07																				
BID VERIFICATION & DUE DILLIGENCE				(\$9,851)				\$0				\$0			\$0					
3.00 SUBCONTRACT VALUE				\$570,149				\$593,182				\$482,200			\$476,676					
4.00 INSURANCE & TAX				Rate				Rate				Rate			Value					
INSURANCE & TAX SUBTOTAL				\$0				\$0				\$0			\$0					
5.00 COSTS TO COMPLETE (scope associated with the work)				Qty				Qty				Qty			Value					
5.01 Vapor Emissions Treatment per 09 05 61															in allowances					
5.02 Polished Concrete															\$11,500					
5.03 Additional floor prep / heavy prep															\$10,000					
5.04 Stair nosing per forthcoming RFI															\$18,000					
5.05 Trade damage															\$9,500					
5.06																				



Glendale Community College - New Science Building
Bid Evaluation Sheet

Bid Tally Sheet

Bid Package:	09680 Flooring	Commercial Interior Resources	New Tangram, LLC	The M.S. Rouse Company, Inc.	DPR Estimate Value
Scope of Work:	Flooring	Phil Bannan (949) 752-1470 x242 pbannan@cir-resource.com	Mitchel Zelinger mzelinger@tangraminteriors.com	Autumn Absher (310) 764-4695 aabsher@rousecompany.com	
Bid Date:	Feb 26, 2021			Recommended	
	COSTS TO COMPLETE SUBTOTAL	\$49,000	\$49,000	\$49,000	
6.00	TOTAL PACKAGE VALUE	\$619,149	\$642,182	\$531,200	\$476,676
	% Variance from DPR Estimate Value	30%	35%	11%	
	\$ Variance from DPR Estimate Value	\$142,473	\$165,506	\$54,524	
	DPR'S RECOMMENDED BIDDER	-	-	The M.S. Rouse Company, Inc.	
	Comments				

9. Exhibit “I” – RFI Log Dated
03/08/2021

EXHIBIT
“I”

Request for Information							A/E/CM Response			
RFI #	Author	Bid Package	Trade	Draw or Spec Reference	Question	RFI Submission Date	RFI Response Needed By	A/E/CM	Responder	Response
1	SZ	2	Plumbing/Misc. Metals	P2.04, & P.05	Keynote 1, calls for a 1/4" thick steel plate separation though the entire height of the plumbing chase. 1. Is this required? 2. If required, can another material be used? 3. If required, please provide structural details, connections and dimensions.	12/23/2020	1/11/2021	HMC	Thomas Ferrer	department had comments to provide separation. 2. Should be solid material for the separation, so practically impossible to make cross-over domestic/ reclaim water. 3. Structural engineer to provide detail.
2	SZ	2	Roofing	16/A10.40 1/A1043	Drawings show contradicting roof details. 16/A10.40 shows a more complete system with a primary vapor barrier, a secondary 2" insulation (ice and water shield) and a third with the tiles. However 1/A1043 shows a primary vapor barrier and a second with tile. Please advice.	12/23/2020	1/11/2021	HMC	Thomas Ferrer	1/A10.43 is for a Clay Tile roof at the stand alone hydraulic elevator at the south of the project, Clay tile roof does not need insulation. 11/A10.40 is for the main building and is a proprietary system with metal roof. Two different system two different details.
3	SZ	1/2	Window Washing System	Spec 11 24 23.10	Spec sheet calls out for design, supply and installation of window rigging sleeves and accessories. 1. Please confirm that there are no window washing or roof davit requirements for the project. 2. If confirmed, please remove the relevant spec section from the documents. 3. Please comment on what the response will be to OSHA if this is challenged.	12/23/2020	1/11/2021	HMC	Thomas Ferrer	1. Confirmed there is no rigging sleeves window washing system, but roof davit is provided. See roof plan A4.11 2. Rigging sleeves spec section 11 24 23.10 removed from the documents. 3. Roof davits provided, see roof plan A4.11
4	David Smith - GB Cooke	1	Site Utilities	C4.01, note 34	On Sheet C4.01, construction note 34 calls for a neutralizing tank and sampling basin per plumbing drawings. We plan to exclude this as we assume it will be covered by the plumbing subcontractor. Please clarify if this is covered under the site utilities scope or the plumbing scope.	12/28/2020	12/29/2020	CM	Jess Matta	Correct the NT-1 neutralization tank and SB-1 sampling basin to be provided and installed by the plumbing subcontractor.
5	David Smith - GB Cooke	1	Site Utilities	N/A- Re: spoils hauling	Please clarify who will be hauling spoils (site utilities sub or earthwork sub).	12/28/2020	12/29/2020	CM	Jess Matta	Base bid should assume stockpiling of spoils on site for removal by earthwork subcontractor. Provide add alternate for spoils haul-off.
6	David Smith - GB Cooke	1	Site Utilities	N/A- Re: temp utilities	Please provide additional information regarding the temporary water and sewer hook-ups for the construction manager trailers so we can price accordingly. (i.e. approximate linear footages).	12/28/2020	12/29/2020	CM	Jess Matta	Subcontractors to exclude this from your bid. CM will carry an allowance for this separately.
7	JM	2	Plumbing	P0.02 Equipment schedules	Neutralization tank schedule appears to be mislabeled as "Pressure Reducing Valve Schedule." Please confirm that this is the case.	12/28/2020	1/11/2021	HMC	Thomas Ferrer	NT schedule title has been corrected.
8	JM	2	Plumbing	P0.02 Equipment schedules	Plumbing - Sampling Basin Schedule is duplicated on this sheet. Please confirm there is only one SB-1 - sampling basin in the project.	12/28/2020	1/11/2021	HMC	Thomas Ferrer	confirmed. Only one Sampling basin.
9	JM	1	Electrical / Misc. Metals	A2.21, 9/A10.93	In Lecture Hall SC-101 on level 1, there is a floor trench from North wall to the lecture / island casework. The detail callout 9/A10.93, shows a 10" x 10" 20 gauge steel liner embedded in the slab with an aluminum cover assembly and notes "basis of design per manufacturer". It seems this may be for power & data pathway to the lecture, but this is not identified on the electrical or telecom drawings. Please provide specification for this trench.	12/29/2020	1/11/2021	HMC	Thomas Ferrer	Trench cover specs see attached.
10	JM	2	Metal Roofing	Spec. section 07 32 19, Roof details A10.40	Spec. section 07 32 19 specifies metal tile roofing as Gerard Roofing Technologies or equal, while details on sheet A10.40 call out "Decra Villa Tile Panels". Please clarify which is the correct product.	12/29/2020	1/11/2021	HMC	Thomas Ferrer	Subcontractors to exclude this from your bid. CM will carry an allowance for this separately. Decra villa tile panels is the correct product. See attached
11	Nick Choy - CSI	1	Electrical	Audio-Visual Scope	Please confirm all Audio-Visual equipment, installation, and cabling is OFOI	12/30/2020	1/11/2021	CM	Jess Matta	Electrical subcontractor will be responsible for conduits/pathways, boxes, faceplates, and poke-thrus for the AV scope. Electrical subcontractor will also be responsible for display brackets, motorized screen housings, and projector mounts. All equipment, racks, speakers, displays, screens, projectors and cabling to be OFOI
12	Nick Choy - CSI	1	Electrical	Fire Alarm	The fire alarm scope is open to multiple manufacturers. This is a very rare occurrence for a college campus. Please confirm that it is in fact an open spec. or please confirm who the existing campus manufacturer is the NSB will need to tie into.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	Campus standard Fire Alarm manufacturer is Johnson Control/ Simplex.
13	Nick Choy - CSI	1	Electrical	Emergency Responder System	There are no emergency responder antenna system drawings or specifications. Please confirm this requirement will be by others.	12/30/2020	1/11/2021	GCC	John Leopardi	This scope of work will be contracted by the College as a separate scope of work. This work will be coordinated with the College Police, Glendale Fire and GCC ITS directly.
14	Nick Choy - CSI	1	Electrical	Access Control / CCTV	Please confirm access control and CCTV equipment and installation is OFOI.	12/30/2020	1/11/2021	CM	Jess Matta	Electrical subcontractor will be responsible for conduits, faceplates, boxes, and poke-thrus. All equipment and cabling to be OFOI.
15	Nick Choy - CSI	1	Electrical	Spec Section 26 05 19	26 05 19.2.03 references armored cable yet the execution section only refers to single conductors in raceways. Please confirm that MC cable is acceptable for use in concealed walls and ceiling spaces.	12/30/2020	1/11/2021	GCC	John Leopardi	Per our accepted VE items (5-12-20): MC Cable is acceptable for branch wiring at concealed locations inly - Homeruns still will be EMT. MC Cable is also acceptable at lab furniture.
16	Jeff M. - Morrow Meadows	1	Electrical	E1.20	For bid purposes, please provide distance from the New Science Building to existing SF-6 switch.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	Exact routing and distance needs to be verified in the field. Per the Utility Site Survey made available to the design team the distance is 1250 ft.
17	Jeff M. - Morrow Meadows	1	Electrical	E1.20	Confirm existing pathway from Vault #1 > SF-6 switch.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	Install (2) 4" conduits encased in concrete if the existing pathway is less than 4".
18	Jeff M. - Morrow Meadows	1	Electrical	Spec Section 26 05 33	Is MC Cable allowed for lighting and device branch?	12/30/2020	1/11/2021	HMC	Thomas Ferrer	MC cable is acceptable.
19	Jeff M. - Morrow Meadows	1	Electrical	T0.01 & Spec Section 27 05 29	Please confirm that ceiling devices will utilize J-hook pathway (shown on page 2189 spec section 27 05 29) in lieu of full conduit system described on T0.01 symbol legend.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	As noted on contract documents coverhset (T0.01) conduits are required to stub-up 6" above accessible ceiling.
20	Jeff M. - Morrow Meadows	1	Electrical	E1.21 & E6.02	For bid purposes, please provide location of existing DHA distribution board in Camino Real Building, MSCU 1 to (E) DHA.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	Please verify exact location in the field. Refer to attached As-built drawing for location of existing Distribution board DHA
21	Shoring Engineers	1	Shoring / Earthwork		Please provide clarifications on top of wall elevations on shoring plans for walls to be installed using shotcrete.	12/30/2020	1/11/2021	HMC	Thomas Ferrer	Elevations are noted on civil sheets. Please go to Civil sheet C3.01 and C3.1 for grading plan, 3.1 to 3.2 for the wall profile and C2.1 for the location of wall profile.
22	Shoring Engineers	1	Shoring / Earthwork		Please confirm project job hours for the weekdays and weekends. Confirm 7:00am start time for construction and hauling operations.	12/30/2020	1/11/2021	CM	Jess Matta	7:00am start time is confirmed. Refer to Attachment 3 - Supplemental Conditions for specific information on work hours and logistical requirements.
23	Shoring Engineers	1	Shoring / Earthwork		Please clarify if AB-219 compliance is required for ready mix trucks and if LCP tracking is required.	12/30/2020	1/11/2021	CM	Jess Matta	Yes AB-219 is required.

24	Shoring Engineers	1	Shoring / Earthwork		Please clarify which contractor is required to provide drainage and waterproofing for shoring walls.	12/30/2020	1/11/2021	CM	Jess Matta	Waterproofing to be provided as part of Bid Package 07 10 00 - Below Grade Waterproofing. Drainage to provided and installed as part of Bid Package 02500 - Site Utilities.
25	Shoring Engineers	1	Shoring / Earthwork		Please confirm if any liquidated damages are to be imposed and clarify amount per day.	12/30/2020	1/11/2021	CM	Jess Matta	\$2,500 per calendar day.
26	Shoring Engineers	1	Shoring / Earthwork		Please clarify if streetlight poles are part of site clearing / demo scope.	12/30/2020	1/11/2021	CM	Jess Matta	Safe off removal and save by electrical contractor. Demo of concrete bases by demo contractor.
27	Shoring Engineers	1	Shoring / Earthwork		Please confirm that abatement will be performed by others and not part of the site clearing / demo scope.	12/30/2020	1/11/2021	GCC	John Leopardi	The abatement scope of work will be contracted directly by the College as a separate scope of work.
28	Shoring Engineers	1	Shoring / Earthwork		Please provide as-built drawings for the existing retaining wall along Campus Way	12/30/2020	1/11/2021	GCC	John Leopardi	Galcon has located electronic as-built drawings of the retaining wall at Lot F and will send to DPR a link in order to download the files
29	Shoring Engineers	1	Shoring / Earthwork		Please confirm if any road closures along Verdugo Road have been approved or possible.	12/30/2020	1/11/2021	CM	Jess Matta	Yes that is the intent. Please refer to Exhibit 10-Site Logistics.
30	Shoring Engineers	1	Shoring / Earthwork		Please provide clarification on alternate for sacked finish, unit pricing and which walls to be added as alternates for supplemental finishes.	12/30/2020	1/11/2021	CM	Jess Matta	Disregard - This is being provided by the concrete subcontractor.
31	Shoring Engineers	1	Shoring / Earthwork		Please clarify scope of work on item 2.63 of 02250, "Patch and repair roads, curbs and adjacent materials back to its original state once this scope of work is complete." Provide clarification on location in regards to the site. Does this scope include public streets outside of Phase 1? Please clarify the repairs too.	12/30/2020		CM	Jess Matta	Bidders can disregard this note, as the intent is not to have the shoring/earthwork/demo subcontractors patch paving and hardscape. If The shoring/ earthwork/ demo subcontractors damage or remove anything that was not called to be demolished or noted as protect in place, they will be responsible for any costs associated with repairs or re-constructing those items.
32	Shoring Engineers	1	Shoring / Earthwork		Please confirm limits of scope for survey to be performed by others. Which perimeter grids to be established as baseline for other trades / scopes to utilize.	12/30/2020	1/11/2021	CM	Jess Matta	Refer to the Attachment 2 for Survey (01720) for description of what is being provided by Surveyor.
33	Shoring Engineers	1	Shoring / Earthwork		Please provide clarification on item 2.92 regarding SWPPP plan submittal. Which items are required beyond the provided SWPPP / Erosion control plan provided by Civil?	12/30/2020	1/11/2021	CM	Jess Matta	See attached drawing. This is a revised drawing reflecting SWPPP. Install and maintain this system while onsite. This is for Phase 1 only.
34	FF	2	Misc. Metals	A10.25, A10.26, A10.27	Metal Flashing (Painted in the filed) details do not call out gauge. Please advice.	1/4/2021		HMC	Thomas Ferrer	Refer to specs 07 62 00 - Metal flashing min. 24 Gauge
35	FF	2	Site Concrete	Spec 21 11 19	Spec calls for three bollards around the new FDC installed by site utility contractor. However Civil Drawings do not indicate these bollards. 1. Are these bollards required? 2. If so please issue sketch for location and coordination with other features.	1/4/2021		HMC	Thomas Ferrer	Bollards are not required.
36	John G - Morrow Meadows	1	Electrical	E6.02	Please specify the KVA Size for the Pad mounted Campus transformer.	1/4/2021		HMC	Thomas Ferrer	The PV design and feeder sizing is not in IG scope.
37	Jim M - Bigge	1	Hoist/Crane		We see the location of the TC and Hoist. I see the 213' of reach but not the site crane. Do you have a weight at 213' you need to lift? That would determine a 300, 400 or 500 crane.	1/4/2021		CM	Jess Matta	1. Load Capacity - Per Attachment 2, item 2.5 we asked for 13,000 lbs. 2. The Length of the reach needs to be such that it allows for rigging 13,000 lbs. in the lane on Verdugo closest to the curb.
38	Jim M - Bigge	1	Hoist/Crane		Are we looking for a single or a dual man lift?	1/4/2021		CM	Jess Matta	Manlift should be a dual
39	Steve R - Rosendin	1	Electrical	E6.02	Please provide information for the PV feeder.	1/5/2021		HMC	Thomas Ferrer	The PV design and feeder sizing is not in IG scope.
40	Steve R - Rosendin	1	Electrical	E6.02	Lab Panels appear to have 150 amp Main Circuit Breakers, but the feeder to each panel is shown as FA4200, a 200 amp feeder. Is this Correct?	1/5/2021		HMC	Thomas Ferrer	This is correct.
41	Steve R - Rosendin	1	Electrical	E2.02	Fixture Type H2 is shown with 4 circuit identifications in COLLAB SC 200.7, all 4 circuits identical. In CORRIDOR-3 SC 243.3 the same type is shown with 2 different circuit identifications. Please clarify the control intent.	1/5/2021		HMC	Thomas Ferrer	In CORRIDOR-3 SC 243.3 the circuit for Fixture H2 is L1A-8b. Circuit L1A-8a is for fixture D2.
42	DM	2	Misc. Metals	L1.31	Guardrail shown on top of concrete wall (W-1) outside of door 101A from Lecture Hall SC-101 does not have a callout tag. Please clarify if this is a guardrail (F-3) or a cable guardrail (F-4).	1/6/2021	2/12/2021	HMC	Thomas Ferrer	This guardrail is to be an F-3 guardrail.
43	Jim M - Bigge	1	Hoist/Crane		When is the Crane/Hoist start date?	1/6/2021		CM	Jess Matta	Tower Crane : Approximate start date - December 2021 Hoist: Approximate start date - January 2022
44	DM	2	Fireproofing	21/A10.12, note 4/A2.21 (typ)	Detail 21 on sheet A10.12 shows continuous fireproofing 12" extension from the rated floor at BRB frames. Note 4 on sheet A2.21 and many other sheets, states "at exposed locations- primary and secondary structural members shall be treated with intumescent paint to achieve a 2-hour rating". In an email from HMC to DPR dated 04/06/2020, it was stated that "the diagonals are being designed so they are not primary steel meaning intumescent is not required". Please clarify if the diagonal portion of the BRB frame above the continuous fireproofing is considered either a primary or secondary member and whether or not they require intumescent fireproofing.	1/8/2021	2/12/2021	HMC	Thomas Ferrer	Base and Top connection of BRBF system to floor/structure needs fireproofing at a minimum of 12" height, as indicated in 21/A10.12. Most of BRBF diagonal run in between base and top gusset plates will not need fireproofing, but it does have a paint finish per drawings and specs.
45	Site Concrete Subs/FF	2	Site Concrete	L1.01 and CD1.01	The construction plan contradicts the demolition plan in regard to the concrete curb being removed or replaced alone campus way.	1/14/2021	2/19/2021	DPR	Jess Matta	This curb is to be demolished.
46	Plumbing Subs/FF	2	Plumbing	P1.20 and C4.01	Site Utility shows 4" DW however the Plumbing plans shows 3" CW Pipe connection. Please clarify if PRV/reducer is required at site utilities connection.	1/14/2021	2/12/2021	HMC	Thomas Ferrer	Utility have been revised to show 3" CW. PRV station has been provided in Mechanical room sc-105 at grids F1.
47	DM	2	Roofing/ Waterproofing	16/A10.25, A2.42 and 3/A6.21 Spec 09 06 00	Finish plan A2.42 shows the Outdoor Collaboration area (SC-240) labeled with an EF3 material finish tag. Spec 09 06 00 defines EF3 as epoxy flooring manufactured by Stonhard. Section 3/A6.21 applies detail 16/A10.25 to the Outdoor Collaboration area. Detail 16/A10.25 shows pavers and pedestals at the Outdoor Collaboration area. Please clarify what type of finish floor should be used at the Outdoor Collaboration area and if the 4" slab depression still applies.	1/14/2021	2/19/2021	HMC	Thomas Ferrer	Outdoor Collaboration SC-240 floor finish is EF3 (epoxy flooring per specs). 4" slab depression with topping slab still applies. Reference attached revision. IPE wood tiles over pedestal system is only at Horticulture Lab SC-420
48	Tyler O - Letner	1	Wetproofing	Spec 07 13 26	Section 1.01.C states "application to vertical & horizontal below grade building walls, retaining walls, and shoring walls", however the products listed in section 2.01.A are only for below grade concrete walls & retaining walls. GRACE (1st listed manufacturer) does make a product for below grade shoring walls, which is GRACE Preprufe 160R. Please advice.	1/15/2021		HMC	Thomas Ferrer	
49	Condon-Johnson	1	Shoring / Earthwork		For package 02250 Shoring, Piles & Earthwork, specifically for the site clearing and tree removal activities, will it be allowed to take one lane of Campus Way and use flaggers to direct traffic?	1/15/2021		CM	Jess Matta	
50	Condon-Johnson	1	Shoring / Earthwork	5/SS 4.1	What scope of work or bid package does the Geofaom Trench shown on Vol. 2, Shoring Plan, SS-4.1, detail 5 fall under?	1/15/2021		CM	Jess Matta	

51	Condon-Johnson	1	Shoring / Earthwork		1. Are the permanent shoring soldier pile beam studs to be epoxy coated? 2. Are the studs shown on the permanent shoring soldier piles to be coated per the soldier pile coating requirement, or are the studs to be bare?	1/15/2021		HMC	Thomas Ferrer	
52	SZ	2	Doors, Framing & Hardware / Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	In the door schedule the glass column shows CT for all doors. Please revise this column to which doors have glazing.	1/20/2021	2/19/2021	HMC	Thomas Ferrer	Refer to updated Door Schedule
53	McKinley - Mike B	1	Material Lift/Dumwailer		The one dumbwaiter that is a 2 stop only has an opening on one floor on the detail and no opening shown for the other. The plan view does not show openings on either floor. Please advise on how it is to be loaded and unloaded.	1/21/2021		HMC	Thomas Ferrer	
54	ISEC - Dana B	2	Lab Casework & Equipment	Physics Lab SC-502, 507, 508	CLAMPING DEMO EQUIP. TYPE. - PROVIDE 56" LONG TABLE FRAMES. Please confirm rooms that have these table types but DO NOT include the above note, are to have standard overhand.	1/25/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): Provide 2" overhang only at noted rooms.
55	ISEC - Dana B	2	Lab Casework & Equipment		Lab Tech Room SC-108A and Lab Support SC-108 appear to have a countertop located below the window wall that are not tagged out. Are these epoxy resin countertops?	1/25/2021	2/12/2021	HMC	Thomas Ferrer	Refer to detail 21/A10.12 for locations with exposed BRBFs
56	DM	1/2	Flooring/Concrete	A2.41 - A2.45	At stair #1, the floor finish plans specify CF1 floor finish at level 01 and CONC1 floor finish at Levels 02-05. Please confirm floor finish CF1 is to be used at level 01 and CONC1 is to be used at Levels 02-05 of stair #1. If the floor finishes are to be installed as currently shown, please provide transition point of CF1 to CONC1 within Stair #1.	1/25/2021	2/19/2021	HMC	Thomas Ferrer	CF1 is correct finish for all levels. Finish Plans will be updated for Addendum 1
57	MH	2	Ceramic Tile	090600-6, A2.41-A2.45	CTB1 is called out in all CLUST rooms. However, spec section 090600-6 notes "CTB1 - Not Used". Please provide specifications for CTB1 or clarify if this should be CTB2?	1/26/2021	2/19/2021	HMC	Thomas Ferrer	Confirmed: CTB2 for all "CLUST" rooms. Finish Plans to be updated for Addendum 1
58	DM	2	Terrazzo/Epoxy Flooring	Spec 090600-11	Finish Plan A2.41 specifies Terrazzo Flooring TT1 & TT2 at the corridors on level 01. Finish Plans A2.42-A2.45 specify EF1 & EF2 at the corridors on levels 02-05, use the same hatch pattern as level 01 and the legends state "EF1/EF2 - Terrazzo Flooring refer to 09 06 00" and "EF2 - Terrazzo Flooring refer to 09 06 00". Spec section 09 06 00 calls EF1 & EF2 epoxy flooring as opposed to Terrazzo flooring as the finish plans do. Please confirm Terrazzo Flooring (TT1/TT2) is to be placed as shown on A2.41 and Epoxy Flooring (EF1/EF2) is to be placed as shown on A2.42-A2.45.	1/26/2021	2/19/2021	HMC	Thomas Ferrer	TT1/TT2 is for Level 01 EF1/EF2 is for Levels 02-05 Legend on finish plans will be updated for Addendum 1
59	Control AC - Ahmad A	1	Plumbing		There are irrigation lines on the plumbing sheets which go up the building to the locations where planters are. Are those lines to be covered by plumbing? Also the site drawings state "continued on Landscaping drawings." Is the irrigation on the landscaping drawings to be picked up by plumbing as well?	1/27/2021		CM	Jess Matta	•The landscaper will run all his lines for irrigation (reclaimed water). •The plumber will pick up the stub outside the building. •The plumber will take the ¾ inch line and take it up the building to the fourth floor. •The landscaper will pick up the line on the fourth floor. •We should have two shut off valves one on the ground level and one on the fourth floor.
60	SZ	2	Mobile Storage System	LF101.1	Please provide elevation/section details for the mobile storage system	1/27/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): Contractor to clarify "Mobile storage system" as no such language exists on the laboratory furnishings drawings. If the contractor is referring to the high density storage system, that is within the architects scope.
61	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, aluminum Doors #100A & #100B are 20 min. Fire Rated inside non-rated aluminum curtain wall C1. Clarify if doors shall be non-rated.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
62	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, aluminum Doors #102A & #102B are 20 min. Fire Rated inside non-rated aluminum storefront S6. Clarify if doors shall be non rated.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
63	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, Door #240 is 20 min. Fire Rated Hollow Metal Door inside non-rated aluminum curtain wall C5. Clarify if door is fire rated HM or shall be non-rated Alum.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
64	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, Doors #101A & #101B are 20 min. Fire Rated Hollow Metal Door inside non-rated aluminum storefront S3. Clarify if doors are fire rated HM or shall be non-rated Alum.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
65	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, Aluminum Doors #ST-3-2 ; #ST-3-3 ; #ST-3-4 & #ST-3-5 are 90 min. rated inside aluminum frame S9. Clarify window S9 is not aluminum.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Exterior Window System "S9" is a rated system (basis of design: SuperLite II XL) per Spec 08 43 25
66	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, Door #300A is 90 min. rated Hollow Metal door inside aluminum frame S10. Clarify if window S10 is not aluminum	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Storefront schedule to be updated for Addendum 1 Exterior Window System "S9" is a rated system (basis of design: SuperLite II XL) per Spec 08 43 25
67	Sherrin Glass and Metal Paul S	2	Interior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Interior windows #IG-4 ; #IG-5 ; #IG-6 & #IG-7 called for fire rated head & wall jamb details 6 , 7 & 8 /A10.21 but non-rated sill detail 10/A10.21. Clarify if windows are fire rated.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Storefront schedule to be updated for Addendum 1 Interior windows in question are not fire rated - Aluminum storefront system should meet basis of design Arcadia System AF450+ (non-thermal). Spec to be updated for Addendum 1
68	G&G Door - Matt R	2	Doors, Framing & Hardware	Door Schedule - A9.11, A9.12, A9.13	There is conflicting information in the Door Schedule for Architectural Pages. There are "Code Abbreviations" in the Column for Frame Material that conflicts with information published in the: The Frame Detail Columns as "Head-Jamb 1 - Jamb 2". Example: Frame Material code is "AL" & the Frame Detail Column Reads: 6/A10.20. Please let us know which information is correct.	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Refer to updated door schedule for clarification
69	Giroux Glass - James B	2	Interior Glass and Glazing	A9.25	There is no reference for interior window. There is an interior window schedule, but no labels on the Floor Plan or Elevation on Page A9.25. Can you please advise?"	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Interior Glazing is tagged on floor plans A2.21-A2.25. Exterior glazing is tagged on exterior elevations A5.11-A5.14. See G0.12 for symbols

70	Giroux Glass - James B	2	Exterior Glass and Glazing	4,6, 17/A9.25	Details 4, 6, 17/A9.25 show storefront doors but none are referenced in the Door Schedule. Can you please advise?"	2/2/2021	2/12/2021	HMC	Thomas Ferrer	Please clarify, detail 4/A9.25 doesnt show a door, and detail 17/A9.25 doesnt exist. But for reference, all door are tagged on floor plans A2.21-A2.25. Door schedule is on A9.11-A9.13
71	Giroux Glass - James B	2	Interior Glass and Glazing	A9.25	The Interior detail shows 1/2" glass, but note calls for 3/4" glass on Page A9.25. Can you please advise?"	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Please clarify detail reference. Sheet A9.25 is a schedule for Exterior Storefront Systems
72	Giroux Glass - James B	2	Glass and Glazing / Door, Framing & Hardware	Door Schedule - A9.11, A9.12, A9.13	We are missing the Door Hardware Group. None found in the Door Schedule, Pages A9.11, A9.12, A9.13. When can we expect these?"	2/2/2021	2/12/2021	HMC	Thomas Ferrer	Door Hardware Group found as "Sets" in Specs 08 71 00
73	Giroux Glass - James B	2	Interior Glass and Glazing	A9.21	We can't locate Window Type 1A from the Interior Elevations, Page A9.21. Please advise?"	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Window Type 1A has been removed from project, drawing will be updated for Addendum 1
74	Giroux Glass - James B	2	Exterior Glass and Glazing	A9.21	Window type 8 shows louver, shown on Plan Page A9.21, but we found no louver Specification. Please advise?"	2/2/2021	2/12/2021	HMC	Thomas Ferrer	Please clarify, no louver call out on A9.21
75	Giroux Glass - James B	2	Exterior Glass and Glazing	A5.12 / A9.24	Detail/Elevation on Page A5.12 calls for S7 at 1st Floor but this does not match Storefront Schedule shown on Page A9.24. We are presuming this to be a Storefront Type S6. Please advise.	2/2/2021	2/12/2021	HMC	Thomas Ferrer	For Metal Louvers see Spec Sec 08 91 00 Please clarify, S7 tag is not found on A5.12 and sheet A9.24 is for a curtainwall "CW" schedule not storefront
76	Giroux Glass - James B	2	Exterior Glass and Glazing	2/A5.14	Detail 2 on Page A5.14 1st floor calls for S8 but does not match Storefront Schedule shown on Page A9.24. We are presuming this to be a Storefront Type S7 instead. Please advise	2/2/2021	2/12/2021	HMC	Thomas Ferrer	Please clarify, S8 tag is not found on A5.14 and sheet A9.24 is a curtainwall "CW" schedule not storefront
77	Giroux Glass - James B	2	Interior Glass and Glazing		On all the Interior Elevations - some are called for Aluminum Storefront in a Fire Rated wall per Door Schedule. How do you want us to treat these?"	2/2/2021	2/19/2021	HMC	Thomas Ferrer	Fire protection files to be provided in Revit for the automatic fire sprinkler system requirements: basis of design - SuperLite II XL per Spec 08 43 25
78	Advanced Fire Protection - Mark F	2	Fire Protection		Will fire sprinkler system files from the consultant be available to the awarded fire sprinkler contractor? If so what would the format be? 3D model Hydraulic Calcs	2/2/2021	2/12/2021	HMC	Thomas Ferrer	Fire protection files to be provided in Revit for the automatic fire sprinkler system design and in Autocad for project installation details and Site Hydraulic Reference Plan.
79	Woodbridge Glass - Emily D	2	Exterior Glass and Glazing	A9.23	Note 3 calls out for all exterior doors to be 20min rated. Please confirm if all exterior doors are to be fire rated. If so, where does the fire rating start and stop? How is the connection point maintained between the two assemblies? Please provide detail. How will the two systems fasten to maintain UL compliance (requiring installation into an isolated rated opening)?"	2/3/2021	2/12/2021	HMC	Thomas Ferrer	An interior glazing system that includes a rated door must follow rated system requirements: basis of design - SuperLite II XL per Spec 08 43 25 Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
80	Woodbridge Glass - Emily D	2	Interior/Exterior Glass and Glazing	Spec 08 80 00 - Glazing	On the window elevations, it calls out for a "Custom Frit" but there is no glass call out or make-up in the 08 80 00 specifications that list a "Custom Frit". Please provide glass make-up and custom frit pattern.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Custom frit has been established as white silkscreen 1/8" dots (40% coverage) as part of IGU. Spec section 08 80 00 to be updated for Addendum 1
81	Woodbridge Glass - Emily D	2	Interior/Exterior Glass and Glazing		On the window elevations, it calls out for a "custom Film", but it does not define which film type is adhered to the glass. Please define which film type goes in which location.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Please clarify detail or sheet in question. "Custom Film" for Exterior Glazing on A9.21, A9.23, A9.24, A9.25 per Spec Section 08 87 00 Solar Control Window Film "Custom Film" for Interior Glazing on A9.26, A9.27 per Spec Section 08 87 33
82	Woodbridge Glass - Stewart A	2	Exterior Glass and Glazing	2/A5.13	At 5th floor, 3 windows are without window tags. Please identify the window type and tag at this location.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Window type for these three windows in question is Type 2A.
83	Woodbridge Glass - Stewart A	2	Interior Glass and Glazing		Interior window IG-18 cannot be found in the floor plans. Please confirm if this is to be deleted or identify the window type and correct tag to be used at this location.	2/3/2021	2/19/2021	HMC	Thomas Ferrer	IG-18 is the interior storefront system that encloses rooms SC-220 & SC-222 on floor 2 and SC-320 & SC-322 on floor 3 IG-15 encloses rooms SC-234 & SC-235 on floor 2 and rooms SC-337 & SC-336 on floor 3
84	Woodbridge Glass - Stewart A	2	Interior Glass and Glazing	A2.23 3rd floor - Stair 1	Interior window with Door at ST-1, 3rd floor, labeled as IG-14. Should this be labeled as IG-19 due to fire rating? Please confirm correct window tag.	2/3/2021	2/19/2021	HMC	Thomas Ferrer	Tags to be updated for Addendum 1 Confirmed, correct window type should be IG-19. Drawing will be updated for Addendum 1
85	Woodbridge Glass - Stewart A	2	Exterior Glass and Glazing	Spec 08 44 14 - Glazed Aluminum Curtainwall	The Specifications calls out for OPG1900, 2"1/4 x 7" at the CW locations, but C1, C2, C3 & C4, exceeds the structural performance of this curtain wall due to the 10' height. Please confirm at the above locations the OPG3000 series, 2"1/4 x 10", can be used to meet all structural and performance requirements.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Glazing systems over 10ft ht are deferred approvals. However, basis of Design of T500 OPG1900 to remain.
86	Woodbridge Glass - Emily D	2	Interior Glass and Glazing	08 43 25 - Fire Rated Glazing Systems	Substation request for TGP Glazing System in lieu of SAFTI.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Any substitution must meet requirements outlined in project specifications
87	Sherrin Glass and Metal Paul S	2	Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Per door schedule, Door #420A is 20 minute Fire Rated Hollow Metal Door inside a non-rated aluminum storefront S5. Clarify if door is fire rated HM or shall be non-rated ALUM	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered)

88	Woodbridge Glass - Emily D	2	Interior/Exterior Glass and Glazing	Spec 08 41 13 - Aluminum Entrances and Storefronts. Part 2.03 Specified Frames: - TC470 series, Non-Thermal, 2" 1/4 x 4" 1/2 for 1/4" glazing - TC670 series, Thermal-Broken, 2" 1/4 x 6" for 1" Glazing. Please note both these framing systems are Offset Glazed System.	1. Please clarify if INTERIOR non-rated window frame is center glazed (see page A10.20) or offset glazed (see page A10.21) 2. Please clarify if TC670, thermally-broken for 1" glass is for EXTERIOR storefronts while TC470, non-thermal for 1/4" glass is for INTERIOR storefronts? Arcadia suggests to use Arcadia AF450+ series, non-thermal, 2" x 4" 1/2 offset glazed for 1/4" glass or 1/2" instead of TC470. Or the AR450+ series center glazed for 1/2" glazing. 3. For those exterior non-rated windows with heights up to 8'-4" (Types 2A, 2B, 2C, 4A, 4B, 5, 6, 7A, 7D) we can use TC470 for 1" glass and should be thermally-broken while those windows with heights 10'-0 up to 12'-0" (Types 1A, 1B, 3, 5I, 5Z, S3, S4, S5, S6, S8) shall be TC670. Please confirm which systems to be used at these locations. 4. Please confirm the interior glazing type and make up as it is not identified in the 08 80 00 specifications. 5. Please identify which interior glass type to be used at which locations within which systems.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	All interior storefront systems will be updated to be AF450+ (Non-Thermal) with 1/2" glass, Unless Noted Otherwise Exterior Window and Storefront systems will be updated to be AFG601T (Thermally-broken), Unless Noted Otherwise Exterior Curtain wall systems are deferred approvals, but the basis of design to be OPG1900, Unless Noted Otherwise All exterior windows, storefronts, and curtain walls to be dual glazed with a minimum of one tempered pane to achieve a 20 Minute Minimum Fire Rating - Unless Noted Otherwise See window schedules for additional fire rating requirements. Specifications will be updated for Addendum 1
89	Saxton Bradley - Kim F	2	Lab Casework & Equipment	FFE Procurement Matrix - CFCI Items	Please provide detailed specifications or product sheets for these items: 1. CO2 Gas Cylinders 2. Microscope 3. Dry Ice Bin 4. Benchtop NMR 5. 6' Biosafety Cabinets 6. Water Polisher	2/3/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): These items are noted as OFOI on the Laboratory Furnishings drawings and are not within the division 11 scope of work.
90	FF	2	Roofing	3/A6.21 3/A10.17 2/A10.40 16/A10.25	The enlarged sections call out for three different details/finishes at the second-floor collaboration area. One calls out for concrete; one calls out for built up roofing and one calls out for roofing and pavers on pedestals. Please clarify.	2/3/2021	2/12/2021	HMC	Thomas Ferrer	See revised section for appropriate details. Outdoor Collaboration SC-240 to have "EF3" Finish per Finish Plan A2.42
91	ISEC - Dana B	2	Lab Casework & Equipment		Spec 09 06 00 calls for ERI - Solid Polymer. Manufacturer: Kauwee Scientific Corporation, Kemresin, DARK KHAKI at Science Classroom Countertops. Spec 11 53 10 - Laboratory Casework and Other Furnishings What color should be provided?	2/3/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): See DSA BACKCHECK drawings dated 01/27/2021.
92	ISEC - Dana B	2	Lab Casework & Equipment	09 06 00 - Schedules For Finishes 11 53 10 - Laboratory Casework and Other Furnishings	Spec 09 06 00 calls for ERI - Solid Polymer. Manufacturer: Kauwee Scientific Corporation, Kemresin, DARK KHAKI at Science Classroom Countertops. Spec 11 53 10 - Laboratory Casework and Other Furnishings What color should be provided?	2/3/2021	2/12/2021	HMC	Thomas Ferrer	Color to be Dark Khaki by MFR: Durcon Specs to be revised for Addendum 1
93	Saxton Bradley - Kim F	2	Lab Casework & Equipment	11 53 10 30 - Laboratory Casework and Other Furnishings.	Per the specifications, Mott Manufacturing is an approved manufacturer for laboratory casework. There are some "subsections" of laboratory casework, like those listed below that Mott can manufacture (see attached). Using Mott will provide cost savings to the end user.	2/4/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): Refer to 11 53 10 part 1.05.E for substitution request requirements.
94	Saxton Bradley - Kim F	2	Lab Casework & Equipment	1F102.1, 1F102.2, 1F103.1, 1F103.2 Rooms: SC-227, SC-223, SC-221, SC-203, SC-201, SC-202, SC-329, SC-327, SC-325, SC-303, SC-301, SC-302	There is a note that reads "All cabinets this room lockable and keyed same as all Gen. Bio, Microbio, Anatomy, and Biotech." Is the intent in the rooms that contain this note are to have all cabinets and drawers are to have locks? Or is the intent for all cabinet noted to have locks with " * " to be keyed the same? Please clarify.	2/4/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): All cabinets and all drawers in noted spaces to have locks.
95	Saxton Bradley - Kim F	2	Lab Casework & Equipment	1F101.1 and 1F102.2 Rooms: SC-108 Lab Support and SC-209 Preserved Specimen	There is mention of "high density steel shelving by div. 10." The shelving in SC-209 has been denoted as (4818) while SC-108 does not. This makes it confusing if this is to be in our scope. Please confirm if these are to be included.	2/4/2021	2/12/2021	HMC	Thomas Ferrer	High Density Shelving to be included and located per architectural floor plans.
96	Saxton Bradley - Kim F	2	Lab Casework & Equipment	11 53 10 - Section 1.06 Mockup	In the 11 53 10 specification section, 1.06 Mockup - A. says to "provide and completely install products within this scope of work as part of the laboratory mockup, as indicated on the drawings." In Attachment 2 there is no mention of mockup nor does it seem to appear on the floor plans. Is a mockup required? If yes, please clarify location for mockup.	2/4/2021	2/12/2021	HMC	Thomas Ferrer	RFD (2-9-21): A mock-up will be required. An ASI will be issued to clarify the scope.
97	Pierre Landscape	2	Landscape & Irrigation		Please confirm that there is a Skilled and Trained Workforce requirement per - Public Contract Code 2.9 sections 2600 - 2603 on this Project? As this raises the Landscape Trade Wage Rate significantly	2/4/2021	2/19/2021	CM	Jess Matta	Yes, there is a skilled and trained workforce requirement.
98	DPR - MH	2	Window Treatments	A3.11, A3.21, A3.31, A3.41 & A3.51	Keynotes 08 27 (single shade), 08 28 (dual shade) & 08 29 (dual shade with track) are noted to be installed in the room it is called out for, unless noted otherwise. However, the type of shades and details on the ceiling plan conflict each other. To assist in quantifying the type of shades needed for each room, please provide a list which showing the room number and type of shade to be installed. See attached floor plan identifying the various questions.	2/5/2021	2/26/2021	HMC	Thomas Ferrer	See Response in pdf markup.
99	Martin Bros - Eddie Y	2	Lath and Plaster	18/A10.16	Not calls for Plaster Assembly behind Insulated Metal Panels; Please confirm Plaster Assembly is not required behind Metal Panel systems.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Plaster assembly behind metal panel is not required. Detail will be revised for Addendum 1
100	ACCO - Richard R	2	HVAC	Spec: 23 31 13, 2.04 D	Specification calls for an antimicrobial coating on ductwork. Please specify where this is required or if it is required on all ductwork on the project.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Antimicrobial Coating does not require on duct, we just need were we have duct liner.
101	ACCO - Richard R	2	HVAC	Spec: 23 31 13, 3.06A (9 and 10)	Specification calls for duct liner to be installed with perforated sheet metal liner on the inside of the duct with a thickness that matches the outer duct. Is this "double walled" condition required in all locations where liner is specified? If not, where is this type of duct construction required?	2/5/2021	2/12/2021	HMC	Thomas Ferrer	per metal on internal liner will not require and will remove from spec.

102	ACCO - Richard R	2	HVAC	Spec: 23 31 13, 3.11	Specification states that all new duct systems need to be cleaned before TAB. This represents a significant effort/cost and will require numerous access doors for the duct systems. Please confirm building the duct systems clean and keeping them covered during construction is an acceptable alternative to cleaning duct systems per 233113, 3.11.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	we do not need to clean the duct. we will take that out as long as contractor keep the ends covered. We will remove that section from the Specification.
103	ACCO - Richard R	2	HVAC	Spec: 23 31 13, 3.12B	Specification states that duct systems below 3" pressure class be pressure tested. SMACNA "HVAC Air Duct Leakage Test Manual" does not recommend pressure testing duct systems below 3". Please confirm pressure testing can be performed per SMACNA's "HVAC Air Duct Leakage Test Manual."	2/5/2021	2/12/2021	HMC	Thomas Ferrer	that is not what SMACNA says its not that it is not recommended. our spec says in excess of 3", so below 3" does not require test.
104	ACCO - Richard R	2	HVAC	Spec: 23 05 29, 3.01F	Specification calls for roller hangers where "horizontal movement caused by expansion and contraction might occur." Please specify where roller hangers are required (if at all).	2/5/2021	2/12/2021	HMC	Thomas Ferrer	spring hangers locations are detailed in the table in the vibration isolation spec or should be its usually like 40 feet from the meachnical room. Refer to specification section 23 05 48 for submittal require for the project.
105	ACCO - Richard R	2	HVAC	Spec: 23 05 29, 3.01K	Specification calls for spring hangers on piping. Please specify where spring hangers are required for piping (if at all).	2/5/2021	2/12/2021	HMC	Thomas Ferrer	spring hangers locations are detailed in the table in the vibration isolation spec or should be its usually like 40 feet from the meachnical room. Refer to specification section 23 05 48 for submittal require for the project.
106	ACCO - Richard R	2	HVAC	Spec: 23 07 19, 3.05D	Specification calls for removable insulation covers. Please specify where these are required (if at all).	2/5/2021	2/12/2021	HMC	Thomas Ferrer	No need for for removable insulation for this project. That section will remove from specification.
107	ACCO - Richard R	2	HVAC	Spec: 23 21 13, 2.03A	Specification calls for black steel piping to be seamless. Please confirm this is required on the project and that ERW piping cannot be used.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	No ERW pipe we want to use for the project.
108	ACCO - Richard R	2	HVAC	Spec: 23 21 13, 3.02N	Specification calls for piping to be installed at a uniform grade of 0.2% slope. This will have a significant impact on coordination. Please confirm if this is required on the project.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	yes, we need to slope the pipe to allow for drain. why is that slope a coordiantion issue its a 1" drop every 500 feet. The longest run is maybe 200 feet if that its a drop of less than 0.5" if we are that tight we will have a lot more problems that getting pipes to drain.
109	ACCO - Richard R	2	HVAC	Spec: 23 05 23	The ball and butterfly valves called for in specification are significantly more expensive than industry standard valves for a building of this type. Please confirm the valves listed in 23 05 23 are required for this project.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	There is nothing out of the ordinary for butterfly valves. Using 2-piece ball valves in lieu of 3 piece ball valves is acceptable.
110	ACCO - Richard R	2	HVAC	Spec: 23 23 00, 3.03N	Specification calls for refrigerant piping to be installed in rigid conduit where exposed to damage. Please clarify where this requirement is applicable.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	On attic space and wherever the refrigerant pipes are installed on the ground consider as exposed to damage. It is contractor's responsibility to locate those situations based on the pipe installations.
111	ACCO - Richard R	2	HVAC	Spec: 23 23 00, 3.03O	Specification calls for refrigerant piping to be sloped. Please confirm refrigerant piping can be installed/sloped per equipment manufacturer's recommendations in lieu of specified sloping requirements.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Confirmed.
112	ACCO - Richard R	2	HVAC	Spec: 23 73 15, 2.02	Specification does not include Energy Labs as a manufacturer. Assuming they can comply with all of the requirements for the project, is Energy Labs an acceptable manufacturer on this project? It is our understanding that Energy Labs units are installed on numerous buildings on this campus.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Please refer to specification section 23 00 00 and follow as substitution requirement for submission.
113	ACCO - Richard R	2	HVAC	3/M6.11 Note 1	Note 1 calls for condensate pans for hot water coils associated with air terminal units. This note also calls for the plumbing contractor to provide drains for these pans to indirect waste. This is a significant scope of work (cost and coordination). Please clarify if the pans called for in this detail are required for the project.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Please see latest mechanical drawings. Condensate pans are not require for HHW coils.
114	ACCO - Richard R	2	HVAC	M2.05	Limited information is given about the chilled water supply and return connection on level 1 to the campus chilled water system.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	The chilled water connection to the future chilled water pipe shall be found in civil drawings. Coordinate with Civil EOR and architect for connection details.
115	ACCO - Richard R	2	HVAC	M2.05	Ductwork serving EVAV 507 does not appear complete on sheet M2.05. Please provide an updated duct layout for this zone.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Exhaust shall be trough air plenum
116	Bapko - Victor C	2	Misc. Metals	A7.23 A10.53	It does not appear that the bent aluminum guardrail panels on Stair #3 can be installed on the posts as detailed, due to the fact that there are bends on all 4 edges of the panels (See details on A10.53). Can an alternate detail be provided?	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Please clarify installation concern, bent edges dont have additional returns.
117	Bapko - Victor C	2	Misc. Metals	6/A7.22 12/A10.53 Spec: 05 73 10, 2.03 E	The Glass rail at the First Floor is shown with a square roll formed top rail per Detail 12/A10.53, and as per Spec 05 73 10-2, 2.03 E. However all other floors in Section 6/A7.22 seem to show a round top handrail. If the Second through Fifth Floors are to have a round top handrail, please specify its material, size and finish.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	12/A10.53 is the correct detail for all glass rails on all floors.
118	Bapko - Victor C	2	Misc. Metals	B/L1.31 L1.52	A rail seems to be shown on top of the L-shaped wall adjacent to the northernmost 6 riser stair in Plan B / L1.31, but there is no callout for the rail type. Please establish the rail detail on L1.52 that applies to this rail, if any.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Rail type is F-3 per detail F/L1.52.
119	Bapko - Victor C	2	Misc. Metals	L1.01 A1.20 1&2/SS2.0 1/SS5.0 2/A6.13 1 & 2/A6.23	A rail seems to be shown on top of the shoring wall (approximately 6'-0 north of the building) on Dwg L1.01 & A1.20 as well as on Details 1 & 2/SS2.0 & 1/SS5.0. However, there is no callout for the rail type on any of those drawings, and no rail shown in Section 2/A6.13 or 1 & 2/A6.23. If a rail is required on this shoring wall, please establish the rail detail on Dwg L1.52 that applies.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Rail type is called out on L1.01. This is a cable guardrail per J/L1.52
120	Woodbridge - Matt K	2	Interior/Exterior Glass and Glazing	Door Schedule - A9.11, A9.12, A9.13	Door Schedule calls out "CF" for the glass infill at many of the doors. No key legend is included identifying the infill glass makeup. Please confirm glass types, ratings, and films as required to meet the 20-minute ratings. Related, the door configurations show on "SG" infill glass type. Please clarify this glass as well.	2/5/2021	2/12/2021	HMC	Thomas Ferrer	Reference updated door schedule. Per CBC 708A - Unless Noted Otherwise, all exterior doors must be a minimum of 20 Min FireRated per door schedule and all exterior glazing must be a dual glazed system (with a minimum of 1 pane to be tempered) -this would satisfy 20 min fire rating requirement for the rest of the system.
121	Bapko - Rece H	2	Misc. Metals	Attachment 2 - Mis. Metals	Instruction to Bidders Item 5.1 (last sentence) requires that we sign the "Consent to Assignment, Assumption and Novation in Attachment 2". However, I do not see anything with that specific title in Attachment 2. Does the signature in Section C2 of Attachment 2 cover this requirement ?	2/5/2021	2/12/2021	CM	Jess Matta	Refer to Exhibits 15A and 15B. Make sure to complete the acknowledgement section of the Attachment 2.
122	Bapko - Rece H	2	Misc. Metals	Attachment 2 - Mis. Metals	Attachment 2 Item A.9 asks for the names of MBE's that will be working on the project, but I did not find requirements for such participation in the paperwork. Please confirm that there are no specific requirements for MBE, DBE, WBE, etc. participation at this time, or advise otherwise.	2/5/2021	2/12/2021	CM	Jess Matta	MBE, DBE, WBE is encouraged, but there are no project specific requirements on this project.

127	Bapko - Rece H	2	Misc. Metals	Attachment 2 - Mis. Metals	Please confirm that Exhibits #27, #28, & #29 are to be signed & attached to the bid, or advise otherwise. Please see attached Letter:	2/5/2021	2/12/2021	CM	Jess Matta	You do not need to attach these to your bid, just acknowledge them on the bid form.
130	Southland - John M	2	HVAC	Spec 23 05 93 Attached Letter From Precision Air.	In Specification 230593 Section 1.6.A Quality Assurance indicates that the test and balance firm must be certified by NEBB, AABC Or TABB. The spec then listed 4 approved firms, 3 AABC and 1 TABB firm. Precision Air Balance Co, Inc is an independent NEBB certified test and balance firm. PABCO has been in business over 33 years and has extensive experience in HVAC test and balance work. We perform all work to the engineer's specification and produce CADD drawings. Our technicians are NEBB certified & we also offer the NEBB written warranty. We are a certified SWBE. We are requesting Precision to be added to the approved Test and Balance firm list as an Independent NEBB Certified TAB firm. Question: Will Precision Air Balance Co.'s NEBB certification be accepted as an equal?	2/9/2021	2/12/2021	HMC	Thomas Ferrer	
131	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping	Attachment 2 - Landscaping and Irrigation	Will Attachment 2 Bid Form be provided for Landscaping? We do not have a scope of work for this bid package as of now and we'd like to request an extension for RFI Deadlines due to not having clarity of scope right now and potentially needing clarification on final scope of work from the bid form.	2/12/2021	2/19/2021	CM	Jess Matta	Attachment 2 Bid form is now available for download from SBN.
132	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		Lateral lines sizes are not shown on the irrigation plans. The legend provide a sizing chart, but plans do not show any marks. Please clarify if that means all lateral pipe to be 3/4" size.	2/12/2021	2/19/2021	HMC	Thomas Ferrer	All lateral lines are NOT 3/4" size. Tick marks were provided in original irrigation plan L201 indicating lateral sizes.
133	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		Please confirm irrigation water meter is to be by others.	2/12/2021	2/19/2021	CM	Jess Matta	Confirmed
134	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		What type of protection is required for the existing planting area west of sign?	2/12/2021	2/19/2021	CM	Jess Matta	
135	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		Please confirm Jakob wire system is to be installed per detail K/L1.53 and is to have spacers every 12" in triangular spacing. Also confirm it is to be 14"-2/18" tall and 29'-10" wide.	2/12/2021	2/19/2021	HMC	Thomas Ferrer	Jakob wire system to be installed in diamond pattern. Spacers to be installed only along perimeter of trellis. Interior pattern to be installed with greenguide cross clamp 90° by Jakob System every 12". Trellis to be 11'-4" tall by 29'-8" wide. Drawing will be updated for addendum 1.
136	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping	Irrigation legend	Please provide the size for the basket strainer. Per irrigation legend, size is per plan but plans do not identify the size.	2/12/2021	2/19/2021	HMC	Thomas Ferrer	Basket strainer to be 2"
137	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping	Attached L1.31 Sheet	Please see attached Sheet L1.31. Are these areas to include soil import will these areas be filled with site soil after the walls are built?	2/12/2021	2/19/2021	CM	Jess Matta	The intent would be that the grader would leave a balanced site including the planters.
138	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		Please provide the number of stations required for the controller.	2/12/2021	2/19/2021	HMC	Thomas Ferrer	19 stations total.
139	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping	L3.61	Please confirm concrete base/cradle beneath boulder as shown I/L3.61 is to be by others and not landscaper.	2/12/2021	2/19/2021	CM	Jess Matta	Confirmed
140	Pierre Landscaping - Josie L	2	Landscaping and Irrigation - Pierre Landscaping		Please provide the density of foam required as fill for the upper terrace planters.	2/12/2021	2/19/2021	HMC	Thomas Ferrer	Minimum foam density to be 0.70 lbs/cf
141	Amperand Contract Sign Group - Harry S	2	Signage		Signs are based on Mohawk sign systems thermoformed signs, single source supplier. Please confirm.	2/12/2021	ASAP	HMC	Thomas Ferrer	GCC provided signage standards, can Gafcon confirm if school has a certain mfr for basis of design
142	Amperand Contract Sign Group - Harry S	2	Signage		1.Section 10-14-00 Identification signs, all companies listed are single source, proprietary sign systems that can not be duplicated. Design is based on Mohawk thermosetting high pressure laminate, single source proprietary. 2.Section 10-14-19 Dimensional Letters all companies listed are single source, proprietary sign systems that can not be duplicated except for Gemini. Nelson Harkins and Pobloski are out of business. Design is based on ASI-Modulex single source proprietary sign systems. 3.Section 10-14-23 restrooms, all companies listed are single source, proprietary sign systems that can not be duplicated. Design is based on Mohawk sign systems. 4.Section 10-14-33 Self Luminous Exit signs to be provided by electrical Contractor from any of the companies listed. 5.Section 10-14-53 Parking Area Signs, products supplied by Western Highway Products. Direct supply to GC, no sign company can outbid their pricing since the signs are off the shelf signs, manufactured and ready for install. 6. The drawings are incomplete, missing numerous code required signs, no message schedule provided, no location plans provided, no quantities for each sign type provided.	2/17/2021	ASAP	HMC	Thomas Ferrer	1-3. Multiple mfrs listed in spec, if substitute product/mfr wants to be introduced, please follow appropriate protocol outlined in spec. 4-5. Not questions. Please clarify if this is a question for design team. 6. Drawings contain all code related signage details, and locations. Please reference floor plans A2.21-A2.26 for locations called out via keynotes and A10.80-A10.82 for signage detail sheets on "Post DSA Review" drawing or DSA approved drawings.
143	Premier Tile - Greg G	2	Tile	CT4	CT4 is listed as the accent wall tile in the restrooms. The material is not shown in the elevations. Please advise as to which walls get this material.	2/17/2021	2/26/2021	HMC	Thomas Ferrer	<CT4> Tag has been added to finish plans. See corresponding pdf.
144	SG Specialties (Spoke Guard California) - Cameron M	2	Specialty Doors (Elevator Door Smoke Containment System)		1. Which model is desired for Some Curtains. M200 or M400? 2. The drawings don't seem to be clear which elevators and which floors the smoke containment curtains are required? Can you please confirm how many curtains are needed and at which floors?	2/17/2021	2/26/2021	HMC	Thomas Ferrer	Per Spec, M200 to be used for 42" and 48" openings only & M400 to be used for openings up to 60" wide. Smoke curtains are required for both passenger elevators, material lift and dumbwaiter at every floor it opens up. Drawings and specs to be updated for Addendum 1

145	Premier Tile - Greg G	2	Tile	09 30 13.3.04	Tiling Specifications 09 30 13.3.04.D calls for a 1-3/4" thickbed at floors. The Slab Plans do not show any depression which would be a thin-set installation. Please advise as to which to assume.	2/17/2021	2/26/2021	HMC	Thomas Ferrer	Restroom floor tile will be thinsset, tile spec to be updated for Addendum 1
146	Sedia Systems	2	Multiple Fixed Seating	12 61 13 09 06 00	The specifications for FE1 (in section 126113 and 090600) call for an upholstered chair, but there is no fabric indicated in those sections. Do you have that information?	2/19/2021	2/26/2021	HMC	Thomas Ferrer	For Lecture Hall (SC-101) Ply Beam and Ply Jury seats to be Natural Maple wood stain and Infinity (mfr) Aluminum (color) Fabric
147	Sedia Systems	2	Multiple Fixed Seating		The layout for the classroom does not allow for ADA seating. Is that an oversight or is that the intent of the layout?	2/19/2021	2/26/2021	HMC	Thomas Ferrer	For Lecture Hall (SC-101) 2 ADA spaces called out in floor plan - reference DSA Approved Drawings sheet A2.21
148	Sedia Systems	2	Multiple Fixed Seating		Please confirm there is no power to the seats, either beam mounted or the jury base chairs.	2/19/2021	2/26/2021	HMC	Thomas Ferrer	For Lecture Hall (SC-101) Beam mounted seat to have power via beam. Individual jury seats will not be powered.
149	Architectural Designs & Signs	2	Signage	A5.12 & A5.13	A5.12 & A5.13 Building ID and Main Building ID - The old 50% sent had these Channel letters on the elevations but the new "Bid Set dated 12/08-2020" does not. Are they still on the current scope or will it be an alternate?	2/19/2021	2/26/2021	HMC	Thomas Ferrer	Exterior Signage has been consolidated to single ID sign at site concrete wall. Reference attached PDF 12/A10.00 and 8/A10.82
150	Architectural Designs & Signs	2	Signage	A8.11 Note 08.87	Window films - Who's scope does this fall in? If you want it in signage scope, please provide more details.	2/19/2021	2/26/2021	CM	Jess Matta	Please exclude window films from your scope. Those are included in Glass and Glazing.
151	Architectural Designs & Signs	2	Signage	A8.11	Finish WG1 & WG2 - Wall Graphic - Who's scope does this fall in? The Specs have "MDC" as the manufacturer, if this is required in the signage scope, we will need more details than that. please advise.	2/19/2021	2/26/2021	CM	Jess Matta	Please exclude - Those are included in Painting and Wall Covering scope.
152	Architectural Designs & Signs	2	Signage		No details in signage details or location plans for "Hallway Directional plaques" do you want this added as an alternate with similar specs as other plaques?	2/19/2021	2/26/2021	HMC	Thomas Ferrer	Design team is only to provide code related signage. Any additional wayfinding signage will need to be at the direction of the client.
153	Bapko - Rece H	2	Misc. Metals	3/A10.17 6/58.15	Please confirm that structural steel will furnish and install the following, or advise otherwise: 1. Stiffener plate & seat plate at the rail in Detail 3/A10.17 (not shown on structural drawings) 2. Plates under Roof Tie Off Posts per Detail 6/58.15	2/5/2021	2/12/2021	CM	Jess Matta	1. Include this in your railing pricing and provide alternate deduct if it's provided by others. 2. Yes, the plates are being provided by structural steel contractor.
154	Stumbaugh - Joel S	2	Toilet Partitions and Accessories / Specialties		There are multiple sink locations in classroom areas that do not show a soap dispenser or paper towel dispenser. There are 8 locations in which miscellaneous sinks do show a soap dispenser and paper towel dispenser. Should all sink locations get one of each, or should we bid only what is shown on the plans?	2/25/2021	3/5/2021	HMC	Thomas Ferrer	John Leopardi can you confirm with the school users what the campus standard is. Typically, labs do not have soap and paper towel dispensers at every sink, maybe a single set by the sink closest to the exit, if at all. This is typically OFOI item that is done once labs are in use.
155	Stumbaugh - Joel S	2	Toilet Partitions and Accessories / Specialties	2.10 21 00 Item 2.02	Under the TP spec section 102100, item 2.02C it lists the door hinges to be surface mounted and institutional. To us, institutional would mean a continuous hinge. Can you clarify if it is the intent to have continuous piano hinges or standard surface mount hinges? Also, the wall brackets are listed as stainless steel double ear and U brackets, but are they stirrup brackets or continuous brackets? Please clarify as this will have a significant cost impact.	2/25/2021	3/5/2021	HMC	Thomas Ferrer	Door hinges to be a continuous hinge. Wall brackets to be stirrup brackets.
156	Stumbaugh - Joel S	2	Toilet Partitions and Accessories / Specialties		3. There are large mirrors in the bathrooms. Will these be covered by your glass sub or did you want us to include them in our base bid, or perhaps, just as an add?	2/25/2021	3/5/2021	CM	Jess Matta	Please include in your base number. We will add a SOV in the Attachment 2.
157	DPR - JM	2	Fireproofing/ Painting		Assume scope: 1. Apply intumescent paint to all exposed (non-furred) WF columns in all finished spaces including classrooms, labs, offices, conference rooms, corridors, science academy, and check-out. 2. In instances where a column penetrates a ceiling, assume that intumescent painting of columns will extend the full height of the column/member. 3. Exclude intumescent paint at back of house areas such as storage rooms, mechanical rooms, electrical rooms, and IDF rooms (these will be protected with cementitious fireproofing). 4. Assume that all overhead beams are to be spray fireproofed with cementitious fireproofing and not intumescent. 5. Provide Add Alternate for intumescent paint at horticulture trellis structure.	2/24/2021	3/5/2021	HMC	Thomas Ferrer	1. Correct. 2. Correct 3. Correct 4. In addition, at exposed ceiling locations all elements above 10ft datum to be painted per RCP legend. 5. Correct See attached markups for intumescent paint.
158	Architectural Specialties - Cameron M	2	Fire Curtain	See attached	1. Regarding the dumbwaiter and the lift...can you confirm that there is enough space for about a 2 inch rail to go along each side of the openings? The Dumbwaiter looks particularly tight, which may not allow us to quote these without the space. 2. We also want to confirm you only need smoke protection and not fire rated protection. Please confirm.	3/4/2021	3/5/2021	HMC	Thomas Ferrer	1. confirmed there is enough space. See pdf for locations required 2. requirement of system outlined in spec.