

Hangar 2 SD Opinion of Construction Cost

2019 April VSJ Items	Hangar Building	Office Building	Site Work	
		\$146,845		
	\$298,139	\$71,981	\$106,332	
	\$106,821	\$560	\$54,060	
	\$176,336	\$20,400	\$198,864	
	\$1,213,911	\$224,448	\$134,549	
	\$126,845	\$20,418	\$20,305	
	\$107,550	\$16,560	\$25,511	
	\$6,750	\$30,759	\$128,366	
	\$16,567	\$4,482		
	\$49,350	\$18,567		
	\$36,750	\$1,200		
	\$13,423	\$7,020		
	\$50,466	\$175,000		
	\$21,230	\$4,725		
	\$151,225	\$20,401		
	\$132,983	\$36,599		
	\$139,023	\$129,339		
	\$25,058	\$282,189		
	\$7,500	\$597,896		
	\$217,676	\$24,306		
	\$231,441	\$18,100		
	\$732,922	\$101,364		
	\$206,712		\$381,281 Addtl Cost	
	\$526,183			
Construction	\$4,594,861	\$1,953,159	\$1,049,268	\$7,597,288
Insurance	1% \$52,381	\$22,266	\$11,962	
CM Fee	5% \$229,743	\$97,658	\$52,463	
Design Cont.	5% \$229,743	\$97,658	\$52,463	
Construct. Cont.	5% \$229,743	\$97,658	\$52,463	
	\$5,336,472	\$2,268,399	\$1,218,620	\$8,823,490
	Hangar Building	Office Building	Site Work	

Estimated Owners Costs:

A/E Fees	\$808,600
A/E fees CA	\$400,000
Soils Report/Geotech	\$0
Storm water/landscape design allowance	\$0
Prelim and Final Plat, CDP and Contract Fee	\$10,000
Elec and Gas Useage Allowance	\$20,000
FFE Allowance	\$250,000
Low Voltage Install Equipment	\$14,000
Moving Expenses	\$0
Haz Mat Testing and Removal	\$0
Utilities During Construction	\$0
Builders Risk Policy Allowance	\$0
Owner Contingency	\$50,000
	\$1,552,600

Notes:

Based on Schematic Design Documents M&H March 22, 2019
VJS Lincoln Estimate 4/19/2019
AEC Preliminaty Estimate 4/11/2019
Contractor availability, competition and bid climate at time of bid will impact pricing.
Certain material and labor, such as steel pricing/tariffs, may impact bid pricing.

PROJECT BALANCE SHEET

CONSTRUCTION						SCHEMATIC DESIGN ESTIMATE 4.19.2019	
	Structure and Site	11,818 SF @	\$	511.93	\$	6,049,994	
	Office Interior	5574 SF @	\$	209.18	\$	1,165,994	
	Comprehensive Insurance	1.14%			\$	82,262	
	Construction Management Fee	5%			\$	364,913	
	Design Contingency	5%			\$	383,158	
	Project Contingency	5%			\$	383,158	
					Subtotal	\$ 8,429,479	

ARCHITECTURAL & ENGINEERING	Architectural/ Engineering Fees	14%		\$	1,180,127	
	Soil Investigation & Soils Report Allowance			\$	10,000	
	Storm water and Landscape Design Allowance			\$	25,000	
	Plan Review Fees, Reimbursable Expense, Permits Allowance				Included	
	Zoning Permit				Included	
	Planning Commission - Certified Survey Fee				Included	
	Preliminary & Final Plat, CDP and Contract Fee			\$	10,000	
	Material Testing Allowance				Included	
	Electrical and Gas Usage Allowance			\$	20,000	
	Utility Connection Fees				Included	
	Furniture/ Furnishing and Equipment			\$	250,000	
	Low Voltage Install Equipment			\$	14,000	
	Moving Expenses				By Owner	
	Hazardous Material Testing and Removal				By Owner	
	Utilities During Construction (gas, electric, water)				By Owner	
	Builders Risk Policy Allowance				By Owner	
Owners Contingency			\$	52,500		
					Subtotal	\$ 1,509,127

TOTAL	Total Estimated Project Costs	\$ 9,938,606
	Approved Project Budget	\$ -
	Over/(Under) Approved Budget	\$ 9,938,606

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 6,049,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 526,183
010000	GENERAL CONDITIONS	1	LS	\$411,689	\$ 411,689	
014130	BUILDING PERMIT	1	LS	\$92,529	\$ 92,529	
014130	TESTING AND INSPECTIONS	1	LS	\$21,965	\$ 21,965	
030	CONCRETE					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 658,137
014530	CONCRETE TESTING	1	LS	\$5,000	\$ 5,000	
015720	WINTER CONDITIONS ALLOWANCE	1	ALLOW	\$16,343	\$ 16,343	
030000	EQUIPMENT & SUPERVISION	1	LS	\$85,478	\$ 85,478	
	Building Concrete					
030010	CONCRETE REINFORCING	33.4	TNS	\$2,230.55	\$ 74,456	
030010	INSTALL CONCRETE REINFORCING	33.4	TNS	\$2,003.94	\$ 66,891	
030020	ANCHOR BOLTS	26	SET	\$202.31	\$ 5,260	
030029	TRENCH DRAIN	70	LF	\$175.60	\$ 12,292	
030030	GROUT BASE PLATES	26	EA	\$107.87	\$ 2,805	
031000	CONTINUOUS WALL FOOTINGS	902	LF	\$41.55	\$ 37,479	
031100	COLUMN FOOTINGS	26	EA	\$977.90	\$ 25,425	
032100	CONCRETE WALLS - 0'-8" TALL	2,150	SF	\$28.63	\$ 61,565	
072113	FOUNDATION WALL INSULATION	2,012	SF	\$2.44	\$ 4,904	
033000	SLAB ON GRADE	17,153	SF	\$7.65	\$ 131,188	
034200	ELEVATED CONCRETE SLABS	2,247	SF	\$8.32	\$ 18,705	
	Site Concrete					
321300	SIDEWALK	3,098	SF	\$13.88	\$ 42,994	
321350	RIGID CONCRETE PAVEMENT	247	SF	\$17.25	\$ 4,261	
321600	CURB & GUTTER	1,073	LF	\$55.06	\$ 59,077	
042	MASONRY					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 176,336
042200	INTERIOR CMU PARTITIONS	2,686	SF	\$17.10	\$ 45,931	
042200	EXTERIOR CMU WALLS	977	SF	\$20.25	\$ 19,784	
044300	STONE VENEERS	3,443	SF	\$28.00	\$ 96,404	
044300	STONE SILL	384	LF	\$28.00	\$ 10,752	
044300	SPLIT FACE BLOCK AT TRASH ENCLOSURE	231	SF	\$15.00	\$ 3,465	
051	STEEL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 1,938,651
051000	STEEL ERECTION	17,392	SF	\$38.76	\$ 674,114	
051000	PRE-ENGINEERED METAL BUILDING	14,392	SF	\$47.77	\$ 687,506	
051000	INSULATED WALL AND ROOF PANELS	1	LS	\$391,281	\$ 391,281	
051000	ANCHOR BOLTS AND TEMPLATES	26	EA	\$150	\$ 3,900	
055000	MISCELLANEOUS METALS- CANOPIES ALLOWANCE	7	EA	\$7,858	\$ 55,006	
055000	MISCELLANEOUS METALS- GUARDRAIL/ HANDRAILS	130	LF	\$346.15	\$ 45,000	
055000	MEZZANNINE DECKING	2,247	LS	\$35	\$ 78,645	
055000	METAL BOLLARDS	4	EA	\$800	\$ 3,200	
060	CARPENTRY					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 107,550
060000	CARPENTRY - EQUIPMENT & SUPERVISION	1	LS	\$14,577.00	\$ 14,577	
060000	TEMPORARY RAILINGS ALLOWANCE	109	LF	\$5.95	\$ 649	
	Rough Carpentry					
061520	PLYWOOD ROOF SHEATHING	1,187	SF	\$1.77	\$ 2,104	
061600	EXTERIOR BLOCKING	2,133	LF	\$8.16	\$ 17,396	
061700	WINDOW BLOCKING	1,156	LF	\$10.62	\$ 12,280	
061700	INTERIOR PLYWOOD BLOCKING	96	SF	\$11.25	\$ 1,080	
	Finish Carpentry					
062700	TIMBER CANOPIES FRAMING	1,208	EA	\$30.28	\$ 36,574	
062700	WOOD CANOPY SUPPORTS	4	EA	\$4,500	\$ 18,000	
	Doors, Frames & Hardware					
081111	HOLLOW METAL DOORS	3	EA	\$891.84	\$ 2,676	
081120	HOLLOW METAL FRAMES	2	EA	\$350.07	\$ 700	
087100	FINISH HARDWARE	3	EA	\$504.79	\$ 1,514	

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 6,049,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
071	DAMPPROOFING AND WATERPROOFING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 6,750
071000	WATERPROOFING & DAMPPROOFING	1	LS	\$6,750	\$ 6,750	
072	BUILDING INSULATION					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 16,567
072113	RIGID INSULATION	8,284	SF	\$2.00	\$ 16,567	
074	SIDING/METAL WALL PANELS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 73,656
074200	METAL PANEL-1	5,515	SF		INCLUDED	
074600	METAL PANEL-2	2,976	SF		INCLUDED	
074600	ALUM SCREEN WALL AT EQUIPMET YARD	229	SF	\$28.00	\$ 6,406	
074600	ALUM SOFFITS	2,690	SF	\$25.00	\$ 67,250	
075	ROOFING & SHEET METAL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 54,850
076100	METAL ROOFING	21,635	SF	\$0.00	INCLUDED	
076100	SNOW RAILS	1,097	LF	\$50.00	\$ 54,850	
076100	METAL DOWNSPOUTS	0	LF	\$20.00	INCLUDED	
076100	METAL GUTTERS	0	LF	\$20.00	INCLUDED	
079	JOINT SEALANTS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 13,423
079200	SEALANTS, CAULKING & SEALS	1	LS	\$7,693	\$ 7,693	
079200	MISC. CAULKING GENERAL BUILDING CAULKING	1	LS	\$5,730	\$ 5,730	
081	SPECIAL DOORS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 50,466
083000	HANGAR DOOR- MATERIAL	1	EA	\$17,667.48	\$ 17,667	
083000	HANGAR DOOR- INSTALL	1	EA	\$17,666.40	\$ 17,666	
083000	HANGAR DOOR- ENGINEERING AND FREIGHT	1	EA	\$15,132.27	\$ 15,132	
083	OVERHEAD DOORS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 21,230
083600	OVERHEAD SECTIONAL DOORS 18' by 12'	1	EA	\$21,230	\$ 21,230	
084	GLASS, GLAZING & ALUMINUM SYSTEMS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 151,225
084100	ENTRANCES & STOREFRONTS	969	SF	\$35.00	\$ 33,915	
084229	ENTRANCE DOORS	15	EA	\$3,500	\$ 52,500	
084400	CURTAIN WALL	1,298	SF	\$45.00	\$ 58,410	
087113	AUTOMATIC DOOR OPERATORS	2	EA	\$3,200	\$ 6,400	
092	DRYWALL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 132,983
092120	EXTERIOR GYPSUM BOARD	1	LS	\$128,000	\$ 128,000	
092124	INTERIOR PARTITION WITH INSULATION	9,965	SF	\$0.50	\$ 4,983	

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 6,049,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
097	EPOXY FLOORING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 139,023
096723	EPOXY FLOORING	11,373	SF	\$11.56	\$ 131,472	
096723	EPOXY COVED BASE	433	LF	\$17.44	\$ 7,552	
099	PAINING AND WALLCOVERING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 25,058
099100	PAINTING - WALLS	15,372	SF	\$0.65	\$ 9,992	
099100	PAINT & FINISH DOORS AND FRAMES	2	EA	\$175.00	\$ 350	
099100	PAINT EXPOSED STRUCTURES	11,373	SF	\$1.25	\$ 14,216	
099300	PAINT MISC. METALS	1	LS	\$500	\$ 500	
101	SIGNAGE					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 7,500
101400	EXTERIOR SIGNAGE ALLOWANCE	1	ALLOW	\$7,500	\$ 7,500	
210	FIRE SUPPRESSION					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 217,676
210000	FIRE PROTECTION	11,373	SF	\$4.20	\$ 47,767	
210000	KNOX BOX	1	LS	\$450.00	\$ 450	
210000	FIRE PROTECTION- MEZZANINE	2,247	SF	\$4.21	\$ 9,460	
213113	FIRE PUMP	1	EA	\$160,000	\$ 160,000	
220	PLUMBING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 231,441
220000	PLUMBING	11,373	SF	\$20.35	\$ 231,441	
230	MECHANICAL SYSTEMS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 732,922
230000	HVAC	11,373	SF	\$64.44	\$ 732,922	
239990	CONTROLS	1	ALLOW		INCLUDED	
260	ELECTRICAL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 206,712
260000	ELECTRICAL- HANGAR	11,373	SF	\$6.89	\$ 78,360	
269990	ELECTRICAL- SHELL	1	LS	\$66,885	\$ 66,885	
269990	TEMP. POWER	1	LS	\$32,223.00	\$ 32,223	
270000	DATA/TELECOM LOW VOLTAGE	1	LS	\$200.00	\$ 200	
275000	FIRE ALARM	11,373	LS	\$0.92	\$ 10,497	
280000	AUDIO AND VISUAL SYSTEM	1	LS	\$350.00	\$ 350	
280000	PAGING SYSTEM	11,373	LS	\$1.10	\$ 12,510	
280000	ANTENNA/ RADIO CABLING	11,373	LS	\$0.50	\$ 5,687	
310	SITE CLEARING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 54,060
310000	SITE CLEARING	37,280	SF	\$0.19	\$ 7,083	
	REMOVE TREE	1	EA	\$500	\$ 500	
310000	REMOVE CURB AND GUTTER	224	LF	\$3.05	\$ 683	
310000	REMOVE SITE CONCRETE AND HAUL OFF SITE	2,674	SF	\$3.00	\$ 8,022	
310000	REMOVE BOLLARDS	5	EA	\$500	\$ 2,500	
310000	RELOCATE EXISTING SHED	1	EA	\$4,380	\$ 4,380	
310000	REMOVE EXISTING FENCE	165	LF	\$3.10	\$ 512	
310000	RELOCATE EXISTING WEATHER STATIONS	1	EA	\$4,380	\$ 4,380	

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 6,049,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
310000	REMOVE AND REINSTALL LIGHT POLE	4	EA	\$600	\$ 2,400	
310000	REMOVE AC PAVING	23,600	SF	\$1.00	\$ 23,600	
320	EARTHWORK					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 198,864
310000	MOBILIZATION	32	HRS	\$127.00	\$ 4,064	
310000	SILT FENCE	1,648	LF	\$2.25	\$ 3,708	
310000	SAW CUT	1,021	LF	\$5.00	\$ 5,105	
310000	STRIP TOPSOIL	1,136	CY	\$3.00	\$ 3,409	
310000	FOOTING EXCAVATION	521	CY	\$4.00	\$ 2,083	
310000	LOAD AND EXPORT SOIL	36	CY	\$23.90	\$ 860	
310000	FOOTING AND FOUNDATIONS SUBGRADE	134	CY	\$54.90	\$ 7,336	
310000	COLUMN SUBGRADE	156	CY	\$54.90	\$ 8,564	
310000	SLAB SUBGRADE	635	CY	\$55.20	\$ 35,068	
319990	SIDEWALK SUBGRADE	35	CY	\$60.90	\$ 2,105	
310519	DETENSION BASIN	2,879	SF	\$43.96	\$ 126,561	
321	ASPHALT PAVING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 134,549
321200	ASPHALT PAVING 3"	3,250	SY	\$29.28	\$ 95,173.01	
321200	ASPHALT PAVING 4"	566	SY	\$29.50	\$ 16,710	
321200	PARKING MARKINGS	1	LS	\$5,075	\$ 5,075	
319990	ASPHALT SUBGRADE	334	CY	\$50.00	\$ 16,690	
319990	PARKING BUMPERS	6	EA	\$150.00	\$ 900	
323	FENCING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 20,305
323100	6' CHAIN LINK FENCE	103	LF	\$35.00	\$ 3,605	
323100	RELOCATE EXISTING GATE AND OPERATOR	1	LS	\$8,700	\$ 8,700	
323100	TRASH ENCLOSURE GATE	1	LS	\$8,000	\$ 8,000	
329	LANDSCAPING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 25,511
329000	RELOCATE IRRIGATION VALVES	1	12	\$12,000	\$ 12,000	
329000	RESPREAD TOPSOIL	90	CY	\$13.10	\$ 1,181	
329500	LANDSCAPE SEEDING	2,434	SF	\$0.90	\$ 2,191	
329500	DETENTION BASIN VEGETATION	2,897	SF	\$3.50	\$ 10,140	
330	SITE UTILITIES					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 128,366
330000	SITE WATER UTILITY DISTRIBUTION PIPING	1	LS	\$19,298	\$ 19,298	
334416	FIRE SUPPRESSION UTILITY WATER DISTRIBUTION PIPING	1	LS	\$4,500	\$ 4,500	
334600	SANITARY SEWER SYSTEMS	1	LS	\$17,550	\$ 17,550	
334900	STORM DRAINAGE SYSTEM	1	LS	\$66,355	\$ 66,355	
334900	NATURAL GAS PIPING	1	LS	\$2,813	\$ 2,813	
334900	ELECTRICAL SERVICE TRENCH AND BACKFILL	1	LS	\$2,750	\$ 2,750	
334900	ELECTRICAL CONDUIT/ VAULTS/ INFRASTRUCTURE	1	LS	\$15,100	\$ 15,100	
SUBTOTAL				-- CHECK --	\$ 6,049,994	\$ 6,049,994

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 1,165,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 101,346
010000	GENERAL CONDITIONS	1	LS	\$101,346	\$ 101,346	
060	CARPENTRY					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 71,981
060000	CARPENTRY - EQUIPMENT & SUPERVISION	1	LS	\$1,297.00	\$ 1,297	
060000	TEMPORARY RAILINGS ALLOWANCE	109	LF	\$5.95	\$ 649	
	Rough Carpentry					
061700	INTERIOR PLYWOOD BLOCKING	265	LF	\$10.36	\$ 2,745	
	Finish Carpentry					
062231	FRP WALL PANELING	315	SF	\$7.53	\$ 2,371	
062700	RESTROOM VANITIES	12	LF	\$81.79	\$ 981	
062700	BASE CABINETS	25	LF	\$206.74	\$ 5,169	
062700	SOLID SURFACE COUNTERTOPS	94	SF	\$105.01	\$ 9,871	
062700	SOLID SURFACE WINDOW SILLS	75	LF	\$65.76	\$ 4,932	
062700	WOOD CANOPY SUPPORTS	4	EA	\$4,500	\$ 18,000	
	Doors, Frames & Hardware					
081111	HOLLOW METAL DOORS	12	EA	\$779.43	\$ 9,353	
081120	HOLLOW METAL FRAMES	11	EA	\$299.67	\$ 3,296	
087100	FINISH HARDWARE	12	EA	\$504.70	\$ 6,056	
	Specialties					
102800	TOILET ACCESSORIES	31	EA	\$180.53	\$ 5,597	
104400	FIRE PROTECTION SPECIALTIES	5	EA	\$332.82	\$ 1,664	
079	JOINT SEALANTS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 560
079200	SEALANTS, CAULKING & SEALS	1	LS	\$560	\$ 560	
084	GLASS, GLAZING & ALUMINUM SYSTEMS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 20,400
084229	ENTRANCE DOORS	4	EA	\$3,500	\$ 14,000	
087113	AUTOMATIC DOOR OPERATORS	2	EA	\$3,200	\$ 6,400	
092	DRYWALL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 224,448
092120	EXTERIOR STEEL STUD AND (1) LAYER OF GYP	2955	SF	26.00	\$ 76,830	
092124	INTERIOR PARTITION WITH INSULATION	6,760	SF	\$18.00	\$ 121,680	
092124	GYPSUM BOARD CEILINGS	1875	SF	\$8.50	\$ 15,938	
092999	MISCELLANEOUS SOFFITS ALLOWANCE	1	ALLOW	\$10,000	\$ 10,000	
093	HARD TILE					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 20,418
093000	TILE FLOORING	472	SF	17.50	\$ 8,260	
093000	WALL TILE	632	SF	15.45	\$ 9,764	
093000	TILE BASE	152	LF	15.75	\$ 2,394	
095	ACOUSTICAL CEILING SYSTEMS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 16,560
095000	ACOUSTICAL CEILINGS (ACT-1)	249	SF	\$7.50	\$ 1,868	
095000	ACOUSTICAL CEILING (ACT-2)	1959	SF	7.50	\$ 14,693	
096	RESILIENT AND CARPET FLOORING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 30,759
096500	RESILIENT BASE (RB-1)	851	LF	2.50	\$ 2,128	
096800	CARPETING (CPT-1)	340	SY	80.00	\$ 27,191	
096800	CARPETING (CPT-2)	18	SY	80.00	\$ 1,440	

CONTRACT PACKAGE	DESCRIPTION	PROJECT TOTALS				\$ 1,165,994
		QUANTITY	UM	UNIT PRICE	AMOUNT	Base Estimate
000	GENERAL REQUIREMENTS & WINTER CONDITIONS					
097	EPOXY FLOORING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 4,482
096723	EPOXY FLOORING	249	SF	18.00	\$ 4,482	
099	PAINTING AND WALLCOVERING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 18,567
096750	SEALED CONCRETE FLOORS	2583	SF	1.20	\$ 3,100	
099100	PAINTING - WALLS	10276	SF	1.05	\$ 10,790	
099100	PAINTING - CEILINGS	1875	SF	0.98	\$ 1,838	
099100	PAINT & FINISH DOORS AND FRAMES	12	EA	175.00	\$ 2,100	
099100	PAINT EXPOSED STRUCTURES	192	EA	1.25	\$ 240	
101	SIGNAGE					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 1,200
101400	INTERIOR SIGNAGE ALLOWANCE	1	ALLOW	1,200.00	\$ 1,200	
102	TOILET PARTITIONS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 7,020
102100	TOILET PARTITIONS	6	EA	1,050	\$ 6,300	
102100	URINAL SCREENS	1	EA	720	\$ 720	
114	FOOD SERVICE EQUIPMENT					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 175,000
114000	FOOD SERVICE EQUIPMENT	1	ALLOW	175,000	\$ 175,000	
122	WINDOW TREATMENTS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 4,725
122000	WINDOW TREATMENTS	9	EA	525.00	\$ 4,725	
210	FIRE SUPPRESSION					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 20,401
210000	FIRE PROTECTION	5,574	SF	3.66	\$ 20,401	
220	PLUMBING					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 36,599
220000	PLUMBING	5,574	SF	6.57	\$ 36,599	
230	MECHANICAL SYSTEMS					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 129,339
230000	HVAC	5,574	SF	23.20	\$ 129,339	
260	ELECTRICAL					
CONTRACT PACKAGE	DESCRIPTION	QUANTITY	UM	UNIT PRICE	CONTRACT PACKAGE TOTAL	\$ 282,189
260000	ELECTRICAL- HANGAR	5,574	SF	38.43	\$ 214,231	
270000	DATA/TELECOM LOW VOLTAGE	5574	SF	2.18	\$ 12,162	
275000	FIRE ALARM	5574	SF	9.30	\$ 51,838	
280000	AUDIO AND VISUAL SYSTEM	5574	SF	0.71	\$ 3,958	
SUBTOTAL				-- CHECK --	\$ 1,165,994	\$ 1,165,994

**Truckee Tahoe Airport Hangar 2 Site
Estimate of Costs**

PRELIMINARY

Prepared by AEC on: 4/11/2019

Bid Item	Description	Quantity	Unit	Unit Price	Total
1	Mobilization/Demobilization (5%)	1	LS	\$ 49,965	\$ 49,965
2	Temporary Erosion Controls/Tree Protection	1	LS	\$ 20,000	\$ 20,000
3	Shoring and Worker Safety	1	LS	\$ 5,000	\$ 5,000
4	Site Preparation	1	LS	\$ 149,282	\$ 149,282
5	Site Grading	1	LS	\$ 92,013	\$ 92,013
6	3" AC on 8" AB	29,244	SF	\$ 7	\$ 204,708
7	4" AC on 11" AB	4,875	SF	\$ 9	\$ 43,875
8	Barrier Curb	496	LF	\$ 55	\$ 27,280
9	Curb and Gutter	68	LF	\$ 65	\$ 4,420
10	3' Valley Gutter	366	LF	\$ 65	\$ 23,790
11	Stormwater Improvements	1	LS	\$ 100,750	\$ 100,750
12	Sanitary Sewer Improvements	1	LS	\$ 43,000	\$ 43,000
13	Water Improvements	1	LS	\$ 60,700	\$ 60,700
14	Dry Utilities	1	LS	\$ 47,600	\$ 47,600
15	4" PCC on 6" AB	3,035	SF	\$ 15	\$ 45,525
16	Pedestrian Ramp	1	EA	\$ 2,000	\$ 2,000
17	Truncated Domes	2	EA	\$ 1,000	\$ 2,000
18	Trash Enclosure	1	EA	\$ 15,000	\$ 15,000
19	Fence	103	LF	\$ 120	\$ 12,360
20	Signage and Striping	1	LS	\$ 10,000	\$ 10,000
21	Site Restoration/Landscaping	1	LS	\$ 90,000	\$ 90,000
Sub-Total					\$ 1,049,268
Contingency (20%)					\$ 209,854
Total					\$ 1,259,121

Notes:

1. Cost estimate based on 30% Schematic Design by AEC, dated 3/22/2019