

Solano County Classroom and Vocational Training Center				2019 ASC COMPETITION						
ENTER SCHOOL NAME										
				PART A						
				LABOR		MATERIAL		EQUIPMENT/OTHER		CUMULATIVE
PARAMETER / ITEM OF WORK	QUANTITY	UNIT		\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	TOTAL
Building A										
Continuous Footings										
Earthwork										
Neat Dug Excavation Footings (Machine)	34	CUYD		\$ 8.15	\$ 277	\$ -	\$ -	\$ 18.00	\$ 612	\$ 889
Cast In Place Concrete										
Concrete Material 4000 PSI	34	CUYD		\$ -	\$ -	\$ 114.00	\$ 3,876	\$ -	\$ 170	\$ 4,046
Placement of footings concrete, pumped, vibration, excludes concrete.	34	CUYD		\$ 34.03	\$ 1,157	\$ -	\$ -	\$ 40.00	\$ 1,360	\$ 2,517
Waterstop Detail	418	LNFT		\$ 3.30	\$ 1,379	\$ 4.95	\$ 2,069	\$ -	\$ -	\$ 3,449
Protect and Cure	604	SQFT		\$ 0.14	\$ 85	\$ 0.05	\$ 30	\$ -	\$ -	\$ 115
Finish Concrete Top of Footing	604	SQFT		\$ 0.45	\$ 272	\$ -	\$ -	\$ -	\$ -	\$ 272
Spot Footings										
Earthwork										
Neat Dug Excavation Footings (Machine)	62	CUYD		\$ 7.56	\$ 469	\$ -	\$ -	\$ 20.00	\$ 1,240	\$ 1,709
Cast In Place Concrete										
Concrete Material 4000 PSI	62	CUYD		\$ -	\$ -	\$ 114.00	\$ 7,068	\$ -	\$ 310	\$ 7,378
Placement of footings concrete, pumped, vibration, excludes concrete.	62	CUYD		\$ 39.90	\$ 2,474	\$ -	\$ -	\$ 25.00	\$ 1,550	\$ 4,024
Protect and Cure	594	SQFT		\$ 0.14	\$ 83	\$ 0.05	\$ 30	\$ -	\$ -	\$ 113
Finish Concrete Top of Footing	594	SQFT		\$ 0.60	\$ 356	\$ -	\$ -	\$ -	\$ -	\$ 356
Slab on Grade										
Formwork										
SOG Forms	425	LNFT		\$ 16.45	\$ 6,991	\$ 2.25	\$ 956	\$ 0.50	\$ 213	\$ 8,160
Column Blockout Forms	20	EACH		\$ 216.48	\$ 4,330	\$ 35.00	\$ 700	\$ -	\$ -	\$ 5,030
Construction Joints	-	LNFT		\$ 2.20	\$ -	\$ 1.00	\$ -	\$ -	\$ -	\$ -
Cast In Place Concrete										
Sawcut Construction Joints	1,102	LNFT		\$ 0.64	\$ 705	\$ 0.14	\$ 154	\$ -	\$ 145	\$ 1,005
Concrete Material 4000 PSI	154	CUYD		\$ -	\$ -	\$ 114.00	\$ 17,556	\$ -	\$ 770	\$ 18,326
Placement of footings concrete, pumped, vibration, excludes concrete.	154	CUYD		\$ 31.50	\$ 4,851	\$ -	\$ -	\$ 18.00	\$ 2,772	\$ 7,623
Finish SOG	9,989	SQFT		\$ 0.56	\$ 5,594	\$ -	\$ -	\$ -	\$ -	\$ 5,594
Protect and Cure	9,989	SQFT		\$ 0.14	\$ 1,398	\$ 0.05	\$ 499	\$ -	\$ -	\$ 1,898
Concrete Sealant - Sealed Concrete Areas Only	404	SQFT		\$ 1.10	\$ 444	\$ 0.12	\$ 48	\$ 0.27	\$ 109	\$ 602
Earthwork										
Aggregate Base Course under Slab @ 6" on compacted Subgrade (no Sand)	185	CUYD		\$ 24.43	\$ 4,520	\$ 40.00	\$ 7,400	\$ -	\$ -	\$ 11,920
Underslab Vapor Barrier	9,989	SQFT		\$ 0.12	\$ 1,199	\$ 0.25	\$ 2,497	\$ -	\$ -	\$ 3,696
Total for Building A					\$ 36,584		\$ 42,885		\$ 9,251	\$ 88,719
Building B										
Continuous Footings										
Earthwork										
Neat Dug Excavation Footings (Machine)	62	CUYD		\$ 7.56	\$ 469	\$ -	\$ -	\$ 20.00	\$ 1,240	\$ 1,709
Cast In Place Concrete										
Concrete Material 4000 PSI	62	CUYD		\$ -	\$ -	\$ 114.00	\$ 7,068	\$ -	\$ 310	\$ 7,378
Placement of footings concrete, pumped, vibration, excludes concrete.	62	CUYD		\$ 34.30	\$ 2,127	\$ -	\$ -	\$ 40.00	\$ 2,480	\$ 4,607
Waterstop Detail	977	LNFT		\$ 3.30	\$ 3,224	\$ 4.95	\$ 4,836	\$ -	\$ -	\$ 8,060
Protect and Cure	1,122	SQFT		\$ 0.14	\$ 157	\$ 0.05	\$ 56	\$ -	\$ -	\$ 213
Finish Concrete Top of Footing	1,122	SQFT		\$ 0.45	\$ 505	\$ -	\$ -	\$ -	\$ -	\$ 505
Spot Footings										
Earthwork										
Neat Dug Excavation Footings (Machine)	235	CUYD		\$ 7.56	\$ 1,777	\$ -	\$ -	\$ 20.00	\$ 4,700	\$ 6,477
Cast In Place Concrete										
Concrete Material 4000 PSI	235	CUYD		\$ -	\$ -	\$ 114.00	\$ 26,790	\$ -	\$ 1,175	\$ 27,965
Placement of footings concrete, pumped, vibration, excludes concrete.	235	CUYD		\$ 39.90	\$ 9,377	\$ -	\$ -	\$ 25.00	\$ 5,875	\$ 15,252
Protect and Cure	2,115	SQFT		\$ 0.14	\$ 296	\$ 0.05	\$ 106	\$ -	\$ -	\$ 402
Finish Concrete Top of Footing	2,115	SQFT		\$ 0.60	\$ 1,269	\$ -	\$ -	\$ -	\$ -	\$ 1,269
Slab on Grade										
Formwork										
Column Blockout Forms	52	EACH		\$ 216.48	\$ 11,257	\$ 35.00	\$ 1,820	\$ -	\$ -	\$ 13,077
SOG Forms	1,120	LNFT		\$ 16.45	\$ 18,424	\$ 2.25	\$ 2,520	\$ 0.50	\$ 560	\$ 21,504
Construction Joints	204	LNFT		\$ 2.20	\$ 449	\$ 1.00	\$ 204	\$ -	\$ -	\$ 653
Cast In Place Concrete										
Saw Cutting Construction Joints	3,504	LNFT		\$ 0.64	\$ 2,243	\$ 0.14	\$ 491	\$ -	\$ 145	\$ 2,878
Concrete Material 4000 PSI	561	CUYD		\$ -	\$ -	\$ 114.00	\$ 63,954	\$ -	\$ 2,805	\$ 66,759
Placement of footings concrete, pumped, vibration, excludes concrete.	561	CUYD		\$ 20.55	\$ 11,529	\$ -	\$ -	\$ 18.00	\$ 10,098	\$ 21,627
Finish SOG	28,585	SQFT		\$ 0.56	\$ 16,008	\$ -	\$ -	\$ -	\$ -	\$ 16,008
Protect and Cure	28,585	SQFT		\$ 0.14	\$ 4,002	\$ 0.05	\$ 1,429	\$ -	\$ -	\$ 5,431
Concrete Sealant - Sealed Concrete Areas Only	28,313	SQFT		\$ 1.10	\$ 31,144	\$ 0.12	\$ 3,398	\$ 0.27	\$ 7,645	\$ 42,186
Earthwork										
Aggregate Base Course under Slab @ 6" on compacted Subgrade (no Sand)	543	CUYD		\$ 24.43	\$ 13,265	\$ 40.00	\$ 21,720	\$ -	\$ -	\$ 34,985
Underslab Vapor Barrier	29,376	SQFT		\$ 0.12	\$ 3,525	\$ 0.25	\$ 7,344	\$ -	\$ -	\$ 10,869
Total for Building B					\$ 131,045		\$ 141,735		\$ 37,033	\$ 309,813
Mechanical Pads										

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				PART A							
						LABOR		MATERIAL		EQUIPMENT/OTHER	
PARAMETER / ITEM OF WORK		QUANTITY	UNIT		\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	TOTAL
Earthwork											
Aggregate Base Course under Slab @ 4" on compacted Subgrade (no Sand)		19	CUYD		\$ 24.43	\$ 464	\$ 40.00	\$ 760	\$ -	\$ -	\$ 1,224
Formwork											
Mechanical Pads Forms		351	LNFT		\$ 16.45	\$ 5,774	\$ 2.25	\$ 790	\$ 0.50	\$ 176	\$ 6,739
Cast In Place Concrete											
Concrete Material 4000 PSI		28	CUYD		\$ -	\$ -	\$ 114.00	\$ 3,192	\$ -	\$ 200	\$ 3,392
Placement of footings concrete, pumped, vibration, excludes concrete.		28	CUYD		\$ 31.50	\$ 882	\$ -	\$ -	\$ 18.00	\$ 504	\$ 1,386
Protect and Cure		1,510	SQFT		\$ 0.14	\$ 211	\$ 0.05	\$ 76	\$ -	\$ -	\$ 287
Finish SOG		1,510	SQFT		\$ 0.56	\$ 846	\$ -	\$ -	\$ -	\$ -	\$ 846
Saw Cutting Construction Joints		115	LNFT		\$ 0.64	\$ 74	\$ 0.14	\$ 16	\$ -	\$ 145	\$ 235
Total for Mechanical Pads						\$ 8,251		\$ 4,833		\$ 1,025	\$ 14,109
TOTAL CONCRETE COSTS						\$ 175,880		\$ 189,453		\$ 47,308	\$ 412,641
SEALED CONCRETE RECONCILIATION						\$ (31,589)		\$ (3,446)		\$ (7,754)	\$ (42,788)
TAX		8.375%						\$ 15,578		\$ 3,313	\$ 18,891
SUBTOTAL						\$ 144,291		\$ 201,586		\$ 42,867	\$ 388,743
CONTRACTOR'S FEE		10%				\$ 14,429		\$ 20,159		\$ 4,287	\$ 38,874
GRAND TOTAL CONCRETE WORK (Rounded)						\$ 159,000		\$ 222,000		\$ 47,000	\$ 428,000
										\$ 427,000	Problem

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PARAMETER / ITEM OF WORK	QUANTITY	UNIT	PART B							
			LABOR		MATERIAL		EQUIPMENT/OTHER		CUMULATIVE	
			\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	\$/UNIT	SUBTOTAL	TOTAL	
No. 03 - Drilled Canopy Footings - Pier Footing @ Ent										
Earthwork										
Structural Excavation Footings (Machine) - Below Pier Cap	3	CUYD	\$ 7.56	\$ 25	\$ -	\$ -	\$ 20.00	\$ 66	\$ 91	
Formwork										
Form Release Agent - Pier Cap	32	SQFT	\$ -	\$ -	\$ 0.05	\$ 2	\$ -	\$ -	\$ 2	
Footling Forms - Pier Cap	32	SQFT	\$ 7.48	\$ 239	\$ 1.15	\$ 37	\$ 0.50	\$ 16	\$ 292	
Cast In Place Concrete										
Protect and Cure	16	SQFT	\$ 0.14	\$ 2	\$ 0.05	\$ 1	\$ -	\$ -	\$ 3	
Concrete Material 4000 PSI	4	CUYD	\$ -	\$ -	\$ 114.00	\$ 456	\$ -	\$ 20	\$ 476	
Placement of footings concrete, pumped, vibration, excludes concrete.	4	CUYD	\$ 39.90	\$ 160	\$ -	\$ -	\$ 25.00	\$ 100	\$ 260	
Finish Concrete top of Footing	16	SQFT	\$ 0.60	\$ 10	\$ -	\$ -	\$ -	\$ -	\$ 10	
Total for No.03 - Drilled Canopy Footings				\$ 436		\$ 495		\$ 202	\$ 1,133	
No. 23 - Enhancement Footings:										
Earthwork										
Neat Dug Excavation Footings (Machine)	57	CUYD	\$ 7.56	\$ 431	\$ -	\$ -	\$ 20.00	\$ 1,140	\$ 1,571	
Cast In Place Concrete										
Protect and Cure	538	SQFT	\$ 0.14	\$ 75	\$ 0.05	\$ 27	\$ -	\$ -	\$ 102	
Concrete Material 4000 PSI	57	CUYD	\$ -	\$ -	\$ 114.00	\$ 6,498	\$ -	\$ 285	\$ 6,783	
Placement of footings concrete, pumped, vibration, excludes concrete.	57	CUYD	\$ 39.90	\$ 2,274	\$ -	\$ -	\$ 25.00	\$ 1,425	\$ 3,699	
Finish Concrete top of Footing	538	SQFT	\$ 0.60	\$ 323	\$ -	\$ -	\$ -	\$ -	\$ 323	
Total for No.23 - Enhancement Footings				\$ 3,103		\$ 6,525		\$ 2,850	\$ 12,478	
No. 24 - Enhancement Footings:										
Earthwork										
Neat Dug Excavation Footings (Machine)	53	CUYD	\$ 7.56	\$ 401	\$ -	\$ -	\$ 20.00	\$ 1,060	\$ 1,461	
Cast In Place Concrete										
Protect and Cure (Vertical/Horizontal)	515	SQFT	\$ 0.14	\$ 72	\$ 0.05	\$ 26	\$ -	\$ -	\$ 98	
Concrete Material 4000 PSI	53	CUYD	\$ -	\$ -	\$ 114.00	\$ 6,042	\$ -	\$ 265	\$ 6,307	
Placement of footings concrete, pumped, vibration, excludes concrete.	53	CUYD	\$ 39.90	\$ 2,115	\$ -	\$ -	\$ 25.00	\$ 1,325	\$ 3,440	
Finish Concrete top of Footing	515	SQFT	\$ 0.60	\$ 309	\$ -	\$ -	\$ -	\$ -	\$ 309	
Total for No.24 - Enhancement Footings				\$ 2,496		\$ 6,068		\$ 1,590	\$ 11,614	
No. 25 - Enhancement Footings:										
Earthwork										
Neat Dug Excavation Footings (Machine)	56	CUYD	\$ 7.56	\$ 423	\$ -	\$ -	\$ 20.00	\$ 1,120	\$ 1,543	
Cast In Place Concrete										
Protect and Cure (Vertical/Horizontal)	538	SQFT	\$ 0.14	\$ 75	\$ 0.05	\$ 27	\$ -	\$ -	\$ 102	
Concrete Material 4000 PSI	56	CUYD	\$ -	\$ -	\$ 114.00	\$ 6,384	\$ -	\$ 280	\$ 6,664	
Placement of footings concrete, pumped, vibration, excludes concrete.	56	CUYD	\$ 39.90	\$ 2,234	\$ -	\$ -	\$ 25.00	\$ 1,400	\$ 3,634	
Finish Concrete top of Footing	538	SQFT	\$ 0.60	\$ 323	\$ -	\$ -	\$ -	\$ -	\$ 323	
Total for No.25 - Enhancement Footings				\$ 2,633		\$ 6,411		\$ 1,680	\$ 12,267	
No. 26 - Enhancement Footings:										
Earthwork										
Neat Dug Excavation Footings (Machine)	56	CUYD	\$ 7.56	\$ 423	\$ -	\$ -	\$ 20.00	\$ 1,120	\$ 1,543	
Cast In Place Concrete										
Protect and Cure (Vertical/Horizontal)	531	SQFT	\$ 0.14	\$ 74	\$ 0.05	\$ 27	\$ -	\$ -	\$ 101	
Concrete Material 4000 PSI	56	CUYD	\$ -	\$ -	\$ 114.00	\$ 6,384	\$ -	\$ 280	\$ 6,664	
Placement of footings concrete, pumped, vibration, excludes concrete.	56	CUYD	\$ 39.90	\$ 2,234	\$ -	\$ -	\$ 25.00	\$ 1,400	\$ 3,634	
Finish Concrete top of Footing	531	SQFT	\$ 0.60	\$ 319	\$ -	\$ -	\$ -	\$ -	\$ 319	
Total for No.26 - Enhancement Footings				\$ 2,627		\$ 6,411		\$ 1,680	\$ 12,261	
ADDITIONAL ENCHANCEMENT NO.3 COSTS				\$ 14,748		\$ 36,871		\$ 16,541	\$ 68,160	
TOTAL COST OF WORK				\$ 15,183.90	\$ -	\$ 37,366.20	\$ -	\$ 16,743.40	\$ 69,293.50	
TAX 8.375%						\$ 3,129		\$ 1,402	\$ 4,531.68	
SUBTOTAL				\$ 15,183.90	\$ -	\$ 40,495.62	\$ -	\$ 18,145.66	\$ 73,825.18	
FEE 10%				\$ 1,518.39	\$ -	\$ 4,049.56	\$ -	\$ 1,814.57	\$ 7,383	
GRAND TOTAL ENHANCEMENT NO. 3				\$ 16,702	\$ -	\$ 44,545	\$ -	\$ 19,960	\$ 81,000	
ADDITIONAL ENCHANCEMENT NO.23 COSTS				\$ 40,395		\$ 68,991		\$ 21,597	\$ 130,983	
TOTAL COST OF WORK				\$ 43,498.34	\$ -	\$ 75,515.90	\$ -	\$ 24,447.00	\$ 143,461.24	
TAX 8.375%						\$ 6,324		\$ 2,047	\$ 8,371.89	
SUBTOTAL				\$ 43,498.34	\$ -	\$ 81,840.36	\$ -	\$ 26,494.44	\$ 151,833.13	
FEE 10%				\$ 4,349.83	\$ -	\$ 8,184.04	\$ -	\$ 2,649.44	\$ 15,183	
GRAND TOTAL ENHANCEMENT NO. 23				\$ 47,848	\$ -	\$ 90,024	\$ -	\$ 29,144	\$ 167,000	
ADDITIONAL ENCHANCEMENT NO.24 COSTS				\$ 40,395		\$ 68,991		\$ 21,597	\$ 130,983	
TOTAL COST OF WORK				\$ 42,890.80	\$ -	\$ 78,512.00	\$ -	\$ 23,187.00	\$ 144,589.80	
TAX 8.375%						\$ 6,575		\$ 1,942	\$ 8,517.29	
SUBTOTAL				\$ 42,890.80	\$ -	\$ 85,087.38	\$ -	\$ 25,128.91	\$ 153,107.09	
FEE 10%				\$ 4,289.08	\$ -	\$ 8,508.74	\$ -	\$ 2,512.89	\$ 15,311	
GRAND TOTAL ENHANCEMENT NO. 24				\$ 47,180	\$ -	\$ 93,596	\$ -	\$ 27,642	\$ 168,000	
ADDITIONAL ENCHANCEMENT NO.25 COSTS				\$ 40,395		\$ 68,991		\$ 21,597	\$ 130,983	
TOTAL COST OF WORK				\$ 43,027.52	\$ -	\$ 79,500.00	\$ -	\$ 23,277.00	\$ 145,804.52	
TAX 8.375%						\$ 6,658		\$ 1,949	\$ 8,607.57	
SUBTOTAL				\$ 43,027.52	\$ -	\$ 86,158.13	\$ -	\$ 25,226.45	\$ 154,412.09	
FEE 10%				\$ 4,302.75	\$ -	\$ 8,615.81	\$ -	\$ 2,522.64	\$ 15,441	
GRAND TOTAL ENHANCEMENT NO. 25				\$ 47,330	\$ -	\$ 94,774	\$ -	\$ 27,749	\$ 170,000	
ADDITIONAL ENCHANCEMENT NO.26 COSTS				\$ 40,395		\$ 68,991		\$ 21,597	\$ 130,983	
TOTAL COST OF WORK				\$ 43,022.34	\$ -	\$ 75,940.00	\$ -	\$ 23,277.00	\$ 142,239.34	

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			PART B						
			LABOR		MATERIAL		EQUIPMENT/OTHER		CUMULATIVE
TAX	8.375%			\$	6,360		\$	1,949	\$ 8,309.42
SUBTOTAL			\$	43,022.34	\$ -	\$ 82,299.98	\$ -	\$25,226.45	\$150,548.76
FEE	10%		\$	4,302.23	\$ -	\$ 8,230.00	\$ -	\$ 2,522.64	\$ 15,055
GRAND TOTAL ENHANCEMENT NO. 26			\$	47,325	\$ -	\$ 90,530	\$ -	\$ 27,749	\$ 166,000

Solano County Classroom and Vocational Training Center			2019 ASC COMPETITION		
ENTER SCHOOL NAME					
	PART C				
				SUBCONTRACT	
PARAMETER / ITEM OF WORK	QUANTITY	UNIT		\$/UNIT	SUBTOTAL
Epoxy Flooring					
Areas Bldg. A	404	SQFT		\$ 3.75	\$ 1,515
Areas Bldg. B	28,313	SQFT		\$ 3.75	\$ 106,174
TOTAL COST OF WORK	28,717	SQFT		\$ 3.75	107,689
CONTRACTOR'S FEE	4.5%			\$	4,846
GRAND TOTAL EPOXY FLOORING (Rounded)				\$	113,000