

Davis Joint Unified School District Masterplan

Sacramento, CA

May 20, 2019

	School Sites		Total
	1958/2000	New	
Program Scope	Da Vinci Charter Academy (9-12 HS)	DJUSD Children's Center (Korematsu ES Site)	
1. Modernize / Reconfigure Existing Classrooms	168,000	-	168,000
2. Existing Building Systems, Toilets and Improved Energy Efficiency	140,000	-	140,000
3. Site Utilities & Infrastructure	783,000	789,000	1,572,000
4. New Construction (Classrooms)	-	3,654,000	3,654,000
5. HS Science Programs	1,079,000	-	1,079,000
6. HS Electives Improvements	-	-	-
7. Music, Drama & Performing Arts Improvements	47,000	-	47,000
8. MPR, Student Union & Food Service Improvements	431,000	-	431,000
9. Physical Education Improvements	7,752,000	-	7,752,000
10. Staff and Community Support	118,000	834,000	952,000
11. Library & Student Support Services	-	-	-
12. Safety and Security	201,000	160,000	361,000
13. Bike / Car Parking & Drop-off	1,112,000	434,000	1,546,000
14. Outdoor Learning Courts, Quads & Gardens	-	-	-
15. Exterior Play Spaces, Playfields & Hardcourts	248,000	392,000	640,000
16. Next Generation Learning Furniture	-	-	-
17. Technology Infrastructure & Equipment	-	-	-
<b>TOTAL PROJECT COST (2019\$)</b>	<b>\$ 12,079,000</b>	<b>\$ 6,263,000</b>	<b>\$ 18,342,000</b>

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost	Sub-Total	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$	<b>126,000</b>	\$ <b>168,000</b>
Existing classrooms (MEP scope covered in Section C)						
Walls						
Repair existing walls	5,240	sf	\$ 5.58	\$	29,213	
Floors						
Replace existing floors	5,240	sf	\$ 18.40	\$	96,403	
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$	<b>105,000</b>	\$ <b>140,000</b>
Restroom upgrades						
Moderate modernization	750	sf	\$ 139.38	\$	104,531	
<b>3. Site Utilities &amp; Infrastructure</b>				\$	<b>588,000</b>	\$ <b>783,000</b>
Based on entire campus area, upgrade existing utilities;						
Sanitary sewer service	359,000	sf	\$ 0.22	\$	80,057	mod. at 25%
Electrical mains and distribution	359,000	sf	\$ 0.56	\$	201,143	mod. at 25%
Electrical capacity upgrades	1	ls	\$ 306,625.00	\$	306,625	
<b>4. New Construction (Classrooms)</b>				\$	<b>-</b>	\$ <b>-</b>
No scope in this category						
<b>5. HS Science Programs</b>				\$	<b>811,000</b>	\$ <b>1,079,000</b>
Remove portable classrooms	1	ea	\$ 13,380.00	\$	13,380	
High school science and STEM labs						
Minor modernization	1,920	sf	\$ 35.64	\$	68,429	Paint and carpet
Lab classrooms, one story building	1,440	sf	\$ 459.38	\$	661,507	Modular
Site improvements surrounding building pad	1,440	sf	\$ 46.83	\$	67,435	
<b>6. HS Electives Improvements</b>				\$	<b>-</b>	\$ <b>-</b>
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$	<b>35,000</b>	\$ <b>47,000</b>
Music lab classroom						
Minor modernization	960	sf	\$ 35.64	\$	34,214	Paint and carpet
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$	<b>324,000</b>	\$ <b>431,000</b>
New trash enclosure	1	ea	\$ 55,750.00	\$	55,750	
New lunch shelter	2,400	sf	\$ 111.50	\$	267,600	

Construction Cost Summary

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<b>9. Physical Education Improvements</b>				<b>\$ 5,828,000</b>		<b>\$ 7,752,000</b>
PE / fitness rooms						
Minor modernization	960	sf	\$ 35.64	\$ 34,214		Paint and carpet
Gymnasium						
Gymnasium, one story building	9,900	sf	\$ 496.18	\$ 4,912,133		Scope 1B
Site improvements surrounding building pad	9,900	sf	\$ 46.83	\$ 463,617		Scope 1B
ADA path of travel improvements	1	ls	\$ 150,000.00	\$ 150,000		Scope 1B
Locker rooms						
Minor modernization	1,920	sf	\$ 139.38	\$ 267,600		
<b>10. Staff and Community Support</b>				<b>\$ 88,000</b>		<b>\$ 118,000</b>
Administration						
Minor modernization	1,125	sf	\$ 35.64	\$ 40,095		Paint and carpet
Staff work rooms						
Minor modernization	1,335	sf	\$ 35.64	\$ 47,579		Paint and carpet
<b>11. Library &amp; Student Support Services</b>				<b>\$ -</b>		<b>\$ -</b>
No scope in this category						
<b>12. Safety and Security</b>				<b>\$ 151,000</b>		<b>\$ 201,000</b>
Chain link fencing and gates	240	lf	\$ 150.53	\$ 36,126		
Rolling chain link gate	1	ea	\$ 32,335.00	\$ 32,335		
New emergency signs and posts	1	ls	\$ 60,210.00	\$ 60,210		
New marquee sign	1	ea	\$ 22,300.00	\$ 22,300		
<b>13. Bike / Car Parking &amp; Drop-off</b>				<b>\$ 836,000</b>		<b>\$ 1,112,000</b>
Resurface and repair existing parking lot	11,375	sf	\$ 8.59	\$ 97,660		
New parking lot	32,900	sf	\$ 20.07	\$ 660,303		
New concrete pedestrian paving	3,850	sf	\$ 20.07	\$ 77,270		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				<b>\$ -</b>		<b>\$ -</b>
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				<b>\$ 186,000</b>		<b>\$ 248,000</b>
New bike path	8,800	sf	\$ 21.06	\$ 185,328		Scope 1B
<b>16. Next Generation Learning Furniture</b>				<b>\$ -</b>		<b>\$ -</b>
No scope in this category						

**Construction Cost Summary**

	Area	Unit	Unit Cost	Construction Cost Total	Sub-Total	Total Project Cost 25% (x 1.33)
17. Technology Infrastructure & Equipment No scope in this category				\$	-	\$ -
<b>TOTAL PROJECT COSTS (2019\$)</b>				\$	<b>9,076,000</b>	<b>\$ 12,079,000</b>

**Construction Cost Summary**

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>1. Modernize / Reconfigure Existing Classrooms</b>				\$ -		\$ -
No scope in this category						
<b>2. Existing Building Systems, Toilets and Improved Energy Efficiency</b>				\$ -		\$ -
No scope in this category						
<b>3. Site Utilities &amp; Infrastructure</b>				\$ 593,000		\$ 789,000
Based on entire campus area, upgrade existing utilities;						
Natural gas service	73,200	sf	\$ 0.67	\$ 48,971		
Sanitary sewer service	73,200	sf	\$ 1.34	\$ 97,942		
Domestic and fire water service	73,200	sf	\$ 1.67	\$ 122,427		
Electrical mains and distribution	73,200	sf	\$ 3.03	\$ 221,470		
Storm drain service	73,200	sf	\$ 1.39	\$ 102,023		
<b>4. New Construction (Classrooms)</b>				\$ 2,747,000		\$ 3,654,000
Pre-school and kindergarten						
Classrooms, one story building	6,240	sf	\$ 393.37	\$ 2,454,641	Modular	
Site improvements surrounding building pad	6,240	sf	\$ 46.83	\$ 292,219		
<b>5. HS Science Programs</b>				\$ -		\$ -
No scope in this category						
<b>6. HS Electives Improvements</b>				\$ -		\$ -
No scope in this category						
<b>7. Music, Drama &amp; Performing Arts Improvements</b>				\$ -		\$ -
No scope in this category						
<b>8. MPR, Student Union &amp; Food Service Improvements</b>				\$ -		\$ -
No scope in this category						
<b>9. Physical Education Improvements</b>				\$ -		\$ -
No scope in this category						
<b>10. Staff and Community Support</b>				\$ 627,000		\$ 834,000
Administration						
Admin, one story building	1,440	sf	\$ 388.02	\$ 558,749	Modular	
Site improvements surrounding building pad	1,440	sf	\$ 46.83	\$ 67,435		

Construction Cost Summary

	Area	Unit	Unit Cost	Construction Cost Total	Sub-	Total Project Cost 25% (x 1.33)
<b>11. Library &amp; Student Support Services</b>				\$ -		\$ -
No scope in this category						
<b>12. Safety and Security</b>				\$ 120,000		\$ 160,000
Decorative metal fencing and gates	190	lf	\$ 312.20	\$ 59,318		
Rolling decorative metal gate	1	ea	\$ 50,175.00	\$ 50,175		
New emergency signs and posts	1	ls	\$ 10,035.00	\$ 10,035		
<b>13. Bike / Car Parking &amp; Drop-off</b>				\$ 326,000		\$ 434,000
New parking lot	3,300	sf	\$ 20.07	\$ 66,231		
New drop-off area	6,750	sf	\$ 22.30	\$ 150,525		
New access road	2,500	sf	\$ 20.18	\$ 50,454		
New concrete pedestrian paving	2,900	sf	\$ 20.07	\$ 58,203		
<b>14. Outdoor Learning Courts, Quads &amp; Gardens</b>				\$ -		\$ -
No scope in this category						
<b>15. Exterior Play Spaces, Playfields &amp; Hardcourts</b>				\$ 294,000		\$ 392,000
Pre-school and kindergarten play yard						
New rubber surfacing	1,200	sf	\$ 24.53	\$ 29,436		
Play apparatus	1	ea	\$ 85,855.00	\$ 85,855		
Shade structure	800	sf	\$ 55.75	\$ 44,600	Sails	
New hardcourts	10,000	sf	\$ 13.38	\$ 133,800		
<b>16. Next Generation Learning Furniture</b>				\$ -		\$ -
No scope in this category						
<b>17. Technology Infrastructure &amp; Equipment</b>				\$ -		\$ -
No scope in this category						
<b>TOTAL PROJECT COSTS (2019\$)</b>				\$ 4,706,000		\$ <u>6,263,000</u>