



VAN PELT
CONSTRUCTION SERVICES

Cost Analysis

for

New Middle School

Northern California

Based on Documents Prepared By:

ABC Architecture

123 Wilson Road

Fairfield, California

707/438-3790

707/438-3793

Thursday, March 06, 2003

Cost Analysis Summary

Division	Division Title	Division Total
01	General Requirements	\$798,137
02	Site Work	\$3,408,417
03	Concrete	\$1,383,615
05	Metals	\$1,086,150
06	Wood and Plastics	\$3,541,320
07	Thermal and Moisture Protection	\$1,004,562
08	Doors and Windows	\$418,135
09	Finishes	\$1,804,520
10	Specialties	\$367,525
11	Equipment	\$237,539
12	Furnishings	\$24,366
14	Conveying System	\$77,500
15	Mechanical, Plumbing & HVAC	\$2,818,449

Cost Analysis Summary

Division	Division Title	Division Total
16	Electrical	\$2,835,797
<i>Subtotal:</i>		\$19,806,032
<i>Contractors Fee (4%):</i>		\$792,241
<i>Bonds/Insurance (1.5%):</i>		\$308,974
<i>Contingency (5%):</i>		\$1,045,362
<i>Escalation (2.5%):</i>		\$548,815
<i>Design Contingency (0%):</i>		\$0
Construction Total:		\$22,501,425

Cost Analysis Detail

Division 1 - General Conditions

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Project Superintendent	78	WK	\$1,925.00	\$150,150.00	
Assistant Superintendent	78	WK	\$1,250.00	\$97,500.00	
Project Coordinator	78	WK	\$1,000.00	\$78,000.00	
Safety	78	WK	\$480.00	\$37,440.00	
Delivery	78	WK	\$250.00	\$19,500.00	
Jobsite Office Trailers (2ea)	18	MO	\$850.00	\$15,300.00	
Office Supplies	18	MO	\$200.00	\$3,600.00	
Blueprint Costs	1	L.S.	\$3,000.00	\$3,000.00	
Job Set-up	1	L.S.	\$2,000.00	\$2,000.00	
Building Layout	7	EA.	\$1,600.00	\$11,200.00	
Civil Engineering	1	L.S.	\$70,000.00	\$70,000.00	
Equipment	78	WK	\$1,200.00	\$93,600.00	
Small Tools	18	MO	\$250.00	\$4,500.00	
Pick-up Trucks	18	MO	\$900.00	\$16,200.00	
Gas and Oil	18	MO	\$600.00	\$10,800.00	
Dump Charges	18	MO	\$1,000.00	\$18,000.00	
Power & Water Set-up	1	L.S.	\$50,000.00	\$50,000.00	
Monthly Power and Water	18	MO	\$650.00	\$11,700.00	
Telephone Set-up	1	L.S.	\$5,000.00	\$5,000.00	
Monthly Telephone and Fax	18	MO	\$400.00	\$7,200.00	
Temp. Toilets	18	MO	\$280.00	\$5,040.00	
Gates/Fences	4,938	L.F.	\$1.50	\$7,407.00	
Project Sign	1	L.S.	\$1,000.00	\$1,000.00	
Building Clean	1	L.S.	\$20,000.00	\$20,000.00	
CPM Schedule	1	L.S.	\$15,000.00	\$15,000.00	

Cost Analysis Detail

Dewatering	1	L.S.	\$5,000.00	\$5,000.00
Site Clean up	1	L.S.	\$5,000.00	\$5,000.00
Final Clean	7	EA.	\$5,000.00	\$35,000.00

Division 1 Subtotal: \$798,137.00

Division 2 - Site Work

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Bike Racks	1	L.S.	\$7,500.00	\$7,500.00	
Basketball Back Stops	16	EA.	\$930.00	\$14,880.00	
Volleyball Standards	16	EA.	\$175.00	\$2,800.00	
Sport Court Striping	8	EA.	\$210.00	\$1,680.00	
Flagpole	1	EA.	\$3,500.00	\$3,500.00	
Handicap Signage	4	EA.	\$750.00	\$3,000.00	
Erosion Control	1	L.S.	\$15,000.00	\$15,000.00	
Storm Water Pollution Control	1	EA.	\$9,500.00	\$9,500.00	
Site Grading and backfill	1	L.S.	\$763,970.00	\$763,970.00	Allowance
Storm Drainage (On-Site)	1	L.S.	\$168,070.00	\$168,070.00	
Sanitary Sewer (On-Site)	1	L.S.	\$115,555.00	\$115,555.00	
Fire Water	1	L.S.	\$122,000.00	\$122,000.00	
Site Gas	1	L.S.	\$30,000.00	\$30,000.00	Allowance
Domestic Water	1	L.S.	\$98,220.00	\$98,220.00	
Concrete Curbs, Curb & Gutter, Swales	1	L.S.	\$65,000.00	\$65,000.00	Allowance
Site Electrical	1	L.S.	\$660,603.00	\$660,603.00	
Concrete Site Flatwork	72,130	S.F.	\$2.75	\$198,357.50	
Curved Seatwall	310	L.F.	\$180.00	\$55,800.00	
Running Track Curb	2,960	L.S.	\$8.00	\$23,680.00	
Concrete Planter Walls	496	L.F.	\$150.00	\$74,400.00	
Mow Curb	2,200	L.F.	\$6.50	\$14,300.00	

Cost Analysis Detail

Chainlink Fencing	950	L.F.	\$15.00	\$14,250.00	
Landscaping and Irrigation	575,217	S.F.	\$1.25	\$719,021.25	
Expanded Metal Site Tables and Chairs	9	EA.	\$1,000.00	\$9,000.00	
Turf Pavers	4,550	S.F.	\$6.00	\$27,300.00	
Paving	82,680	S.F.	\$2.25	\$186,030.00	Assumed 2"AC/6"base
Monument Sign	1	LS.	\$5,000.00	\$5,000.00	

Division 2 Subtotal: \$3,408,416.75

Division 3 - Concrete

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Building Concrete	113,670	S.F.	\$10.50	\$1,193,535.00	
Tilt-up Construction	12,672	S.F.	\$15.00	\$190,080.00	

Division 3 Subtotal: \$1,383,615.00

Division 4 - Masonry

Division 5 - Metals

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Struct. Stl. Stairs, Decking & Misc.	1	L.S.	\$925,150.00	\$925,150.00	Toland Estimate
Covered Walkway Structures and Decking	1	L.S.	\$161,000.00	\$161,000.00	

Division 5 Subtotal: \$1,086,150.00

Division 6 - Wood and Plastics

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Structural Wood Framing	1	L.S.	\$2,835,000.00	\$2,835,000.00	MBA
Cabinetry Base Cabinets	628	L.F.	\$200.00	\$125,600.00	
Upper Cabinets	396	L.F.	\$195.00	\$77,220.00	

Cost Analysis Detail

Countertops	240	L.F.	\$45.00	\$10,800.00	
Tall Book Cases / Storage	340	L.F.	\$185.00	\$62,900.00	
Teacher Learning Walls	464	L.F.	\$600.00	\$278,400.00	
Teacher Demo Tables	48	L.F.	\$300.00	\$14,400.00	Science Grade Tops
Computer Stations	24	EA.	\$2,000.00	\$48,000.00	
Reception Desk at Admin.	3	EA.	\$4,000.00	\$12,000.00	
Library Reception	1	L.S.	\$12,000.00	\$12,000.00	
Finish Carpentry	1	L.S.	\$65,000.00	\$65,000.00	Allowance

Division 6 Subtotal: \$3,541,320.00

Division 7 - Thermal and Moisture Protection

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Concrete Floor Waterproofing	34,843	S.F.	\$3.00	\$104,529.00	Includes VCT Flooring
Membrane Waterproofing	1	L.S.	\$800.00	\$800.00	Elevator Pit Only
Building Insulation	160,000	S.F.	\$0.62	\$99,200.00	
Built-up Roofing	16,751	S.F.	\$2.85	\$47,740.35	
Metal Roofing	85,379	S.F.	\$7.50	\$640,342.50	
Flashing and Sheetmetal	1	L.S.	\$75,000.00	\$75,000.00	Allowance
Roof Hatch with Ladder	7	EA.	\$850.00	\$5,950.00	Allowance
Aluminum Access Ladders	6	EA.	\$1,000.00	\$6,000.00	Allowance
Sealants and Caulking	1	L.S.	\$25,000.00	\$25,000.00	Allowance

Division 7 Subtotal: \$1,004,561.85

Division 8 - Doors and Windows

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Roll-up Doors 16' x10'	1	EA.	\$4,500.00	\$4,500.00	
Aluminum Entry At Administration	280	S.F.	\$25.00	\$7,000.00	
Exterior Glazing	4,998	S.F.	\$20.00	\$99,960.00	
Interior Frames and Glazing	1	L.S.	\$11,500.00	\$11,500.00	

Cost Analysis Detail

Finish Hardware Sets	227	EA.	\$325.00	\$73,775.00
Metal Doors	128	EA.	\$750.00	\$96,000.00
Metal Frames	227	EA.	\$200.00	\$45,400.00
Wood Doors	130	EA.	\$450.00	\$58,500.00
Access Doors	14	EA.	\$250.00	\$3,500.00
Roll-up Doors 8'x7'	2	EA.	\$3,000.00	\$6,000.00
Roll-up Doors 6' x4'	6	EA.	\$2,000.00	\$12,000.00

Division 8 Subtotal: \$418,135.00

Division 9 - Finishes

Description	Qty	Unit	Unit Price	Extended Price	Remarks
Lath and Plaster	58,719	S.F.	\$6.50	\$381,673.50	
Gypsum Wall Board	250,076	S.F.	\$1.85	\$462,640.60	
Ceramic Tile	16,333	S.F.	\$9.00	\$146,997.00	
Acoustical Tile Ceilings	74,800	S.F.	\$2.25	\$168,300.00	
Resilient Flooring	14,600	S.F.	\$1.65	\$24,090.00	
Glue-Down Carpeting	8,545	S.Y.	\$21.00	\$179,445.00	
Gym Flooring	8,500	S.F.	\$13.50	\$114,750.00	
Stained Concrete	5,200	S.F.	\$4.00	\$20,800.00	
Painting	113,670	S.F.	\$2.00	\$227,340.00	
Tackable Wall Surface	11,000	S.F.	\$1.20	\$13,200.00	
Vinyl-Coated Fabric Wall Covering	2,000	S.F.	\$1.95	\$3,900.00	
Quarry Tile	1,588	S.F.	\$12.00	\$19,056.00	
FRP Paneling	688	S.F.	\$6.00	\$4,128.00	
Epoxy Flooring at Toilet Rooms	4,000	S.F.	\$9.25	\$37,000.00	
Stained Concrete at Lobby	300	S.F.	\$4.00	\$1,200.00	

Division 9 Subtotal: \$1,804,520.10

Division 10 - Specialties

Cost Analysis Detail

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Metal Toilet Partitions	32	EA.	\$1,200.00	\$38,400.00	
Signage	235	EA.	\$75.00	\$17,625.00	
Welded Metal Lockers	1	L.S.	\$285,000.00	\$285,000.00	
Fire Extinguisher	60	EA.	\$250.00	\$15,000.00	Not Shown
Toilet Room Accessories	46	EA.	\$250.00	\$11,500.00	
Division 10 Subtotal:				\$367,525.00	

Division 11 - Equipment

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Projection Screens Small	40	EA.	\$650.00	\$26,000.00	
Projection Screens - Large	2	EA.	\$1,500.00	\$3,000.00	
TV Monitor Mounting Brackets	6	EA.	\$650.00	\$3,900.00	
Food Service Equipment	1	L.S.	\$141,789.00	\$141,789.00	Per TLCD
Residential Appliances	7	EA.	\$850.00	\$5,950.00	
Basketball Glass B.B.	2	EA.	\$3,900.00	\$7,800.00	
Score Boards	2	EA.	\$0.00	\$0.00	See Electrical
Shot Clocks	2	EA.	\$1,500.00	\$3,000.00	
Bleachers	1	L.S.	\$25,000.00	\$25,000.00	
Stage Curtain	1	EA.	\$5,000.00	\$5,000.00	
Basketball B.B. Standard	6	EA.	\$1,100.00	\$6,600.00	
Wall Pads in Gymnasium	1	L.S.	\$3,500.00	\$3,500.00	
Volleyball Floor inserts	4	EA.	\$250.00	\$1,000.00	
Fume Hood	1	EA.	\$3,500.00	\$3,500.00	
Chemical Storage	1	EA.	\$1,500.00	\$1,500.00	
Division 11 Subtotal:				\$237,539.00	

Division 12 - Furnishings

Cost Analysis Detail

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Window Treatment	5,240	S.F.	\$4.65	\$24,366.00	
Division 12 Subtotal:				\$24,366.00	

Division 13 - Special Construction

Division 14 - Conveying Systems

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Hydraulic Elevator	1	EA.	\$65,000.00	\$65,000.00	Includes Pit
Wheel Chair Lift	1	EA.	\$12,500.00	\$12,500.00	
Division 14 Subtotal:				\$77,500.00	

Division 15 - Mechanical

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Building Plumbing	1	L.S.	\$914,120.00	\$914,120.00	See Attached Estimate
HVAC	1	L.S.	\$1,904,329.00	\$1,904,329.00	See Attached Estimate
Division 15 Subtotal:				\$2,818,449.00	

Division 16 - Electrical

<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Extended Price</i>	<i>Remarks</i>
Electrical	1	L.S.	\$2,835,797.00	\$2,835,797.00	See Attached Estimate
Division 16 Subtotal:				\$2,835,797.00	