



GUARANTEED MAXIMUM PRICE

(INC 1 and Structural Steel Estimate Only)

Project Name: Mabel Mattos Elementary School
1750 McCandless Dr, Milpitas, CA 95035
Client: Milpitas Unified School District
Architect: IBI Group
Project Manager: Babatunde Onadele, Jr.
Date: 1/8/2020

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>SUBCONTRACTOR</u>	<u>TOTAL</u>
<u>0</u>	General Conditions	Blach Construction	\$ 338,113
<u>1</u>	Grading & Paving	Duran & Venables	\$ 817,497
<u>2</u>	Surveying	Kier & Wright	\$ 55,590
<u>3</u>	Underground Utilities	MK Pipelines	\$ 583,625
<u>4</u>	Site Concrete	Dolan Concrete	\$ 760,364
<u>5</u>	Site Electrical & Low Voltage	General Lighting	\$ 225,311
<u>10</u>	Structural Steel	NTE ESTIMATE	\$ 4,381,096
	SUBTOTAL		\$ 7,161,595
51	1.50% General Liability Insurance		\$ 107,424
52	0.49% Builder's Risk		\$ 35,092
53	0.90% Performance & Payment Bonds		\$ 64,454
54	4.85% Fee		\$ 347,337
	SUBTOTAL		\$ 7,715,903
55	5% Construction Contingency		\$ 385,795
56	3.9% MUSD Contingency		\$ 300,920
57	Allowance #1 NOA Over-Excavation Remediation		\$ 90,594
58	Allowance #2 Extended DSA Review (1 month)		\$ 135,245
TOTAL GUARANTEED MAXIMUM PRICE (GMP)			\$ 8,628,457

Estimate: 190062 Mabel Mattos -

Estimate Unit Costs

Description	Quantity	Unit Cost	Total Cost
01 - General Conditions			
General Conditions Increment 1 (DEDUCT)	1.00 LS	-338,113.00	-338,113.00
Project Executive	86.00 WK	470.00	40,420.00
Project Manager	90.00 WK	5,600.00	504,000.00
Project Engineer	86.00 WK	4,200.00	361,200.00
Project Intern	12.00 WK	2,600.00	31,200.00
General Superintendent	86.00 WK	450.00	38,700.00
Senior Superintendent	86.00 WK	6,400.00	550,400.00
Project Foreman	86.00 WK	4,800.00	412,800.00
Preconstruction Support	19.00 WK	560.00	10,640.00
Field Operations Support	40.00 WK	440.00	17,600.00
Miscellaneous	1.00 LS	10,000.00	10,000.00
Progress Photos	18.00 MO	500.00	9,000.00
Dumpsters	18.00 MO	1,200.00	21,600.00
Cell Phones	20.00 MO	600.00	12,000.00
Office Trailer - Large	18.00 MO	650.00	11,700.00
Office Furnishings	1.00 LS	5,000.00	5,000.00
Storage Bins	18.00 MO	125.00	2,250.00
Temporary Toilets	18.00 MO	300.00	5,400.00
Pick up Trucks & Fuel (2 Trucks)	20.00 MO	4,950.00	99,000.00
Small Tools and Equipment	1.00 LS	10,000.00	10,000.00
Forklift	18.00 MO	4,500.00	81,000.00
Mobilization/Maintenance/De-Mob	1.00 LS	19,500.00	19,500.00
Office Supplies	20.00 MO	500.00	10,000.00
Blueprint Costs	5.00 WK	1,000.00	5,000.00
IT Services, Phones, Copiers, Internet	18.00 MO	2,000.00	36,000.00
Totals			\$1,966,297.00
03 - Learning Communities			
Final Cleaning	37,242.00 SF	0.90	33,517.80
Concrete Foreman	24.00 WK	4,800.00	115,200.00
Preconstruction Support	6.00 WK	3,360.00	20,160.00
Rebar for Footings & SOG	1.00 LS	135,142.00	135,142.00
Concrete Footings	750.00 CY	650.00	487,500.00
Slab on Grade	19,125.00 SF	22.00	420,750.00
Concrete Slab on Metal Deck 2nd Floor C, D, E	19,138.00 SF	18.00	344,484.00
Metal Deck 2nd Floor C, D, E	19,138.00 SF	7.00	133,966.00
Metal Decking at Roof	19,138.00 SF	6.00	114,828.00
BIM	80.00 WK	290.00	23,200.00
Exterior 2-Story Metal Panels	30,903.00 SF	37.00	1,143,411.00
Mockup	1.00 LS	35,000.00	35,000.00
Roof Drains	6.00 EA	3,500.00	21,000.00

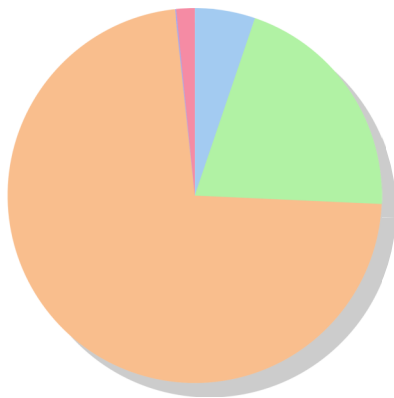
Description	Quantity	Unit Cost	Total Cost
Downspouts	6.00 EA	5,000.00	30,000.00
Base Cabinets at Sinks	210.00 LF	425.00	89,250.00
Thermal Insulation Allowance	75,903.00 SF	1.80	136,625.40
Walk Pads at Roof	2,250.00 SF	20.00	45,000.00
Roofing	20,650.00 SF	25.00	516,250.00
Metal Roof Perimeter Flashings	1,035.00 LF	80.00	82,800.00
Flashing Allowance	37,242.00 SF	7.00	260,694.00
Exterior HM Doors Double	6.00 EA	7,500.00	45,000.00
Interior Doors Single	60.00 EA	4,500.00	270,000.00
Exterior Doors	42.00 EA	6,500.00	273,000.00
Exterior Windows	3,750.00 SF	150.00	562,500.00
Continuous Cleanup	37,242.00 SF	5.85	217,865.70
Lath & Plaster over Metal Stud Framing	30,900.00 SF	24.00	741,600.00
Metal Framing Interior Walls	22,650.00 SF	21.00	475,650.00
Drywall Only at Interior Walls	75,900.00 SF	5.50	417,450.00
Drywall and Frame Ceiling	2,700.00 SF	25.00	67,500.00
Wall Tile	3,150.00 SF	25.00	78,750.00
Acoustical 2x4 Ceiling	33,600.00 SF	8.00	268,800.00
Sealed Concrete	450.00 SF	20.00	9,000.00
Walk Off Mats	1,908.00 SF	20.00	38,160.00
Floor Preparation	6,900.00 SF	1.00	6,900.00
LVT Flooring	26,700.00 SF	12.00	320,400.00
4" Rubber Base	3,990.00 LF	5.00	19,950.00
Epoxy Flooring in Bathrooms	915.00 SF	30.00	27,450.00
Magnetic Vinyl Wall Covering	5,400.00 SF	20.00	108,000.00
Tackable Fabric Wall Covering	5,400.00 SF	20.00	108,000.00
Paint - New Interior Walls & Ceilings	75,900.00 SF	2.20	166,980.00
Paint - New Exterior Walls	10,301.00 SF	2.50	25,752.50
Building Signage	37,242.00 SF	0.50	18,621.00
Toilet/Bathroom Accessories	24.00 EA	2,000.00	48,000.00
Linear Sliding Folding Partitions	768.00 LF	1,000.00	768,000.00
FRP Panels	90.00 SF	15.00	1,350.00
Roof Hatch & Ladder	3.00 EA	7,500.00	22,500.00
Sunshades	126.00 LF	600.00	75,600.00
Window Draperies & Track	3,750.00 SF	25.00	93,750.00
Backpack Hooks	780.00 LF	35.00	27,300.00
Elevator Allowance (Between 3 Buildings)	2.00 EA	190,000.00	380,000.00
Fire Sprinkler System	37,242.00 SF	8.00	297,936.00
Finish Plumbing - Building E	1.00 LS	99,700.00	99,700.00
Rough Plumbing - Buildings C and D	1.00 LS	289,680.00	289,680.00
Rough Plumbing - Building E	1.00 LS	142,140.00	142,140.00

Description	Quantity	Unit Cost	Total Cost
Finish Plumbing - Buildings C and D	1.00 LS	235,600.00	235,600.00
HVAC Ducting - Building E	1.00 LS	249,400.00	249,400.00
HVAC Interior Finishes - Building E	1.00 LS	52,800.00	52,800.00
HVAC Equipment - Buildings C and D	1.00 LS	442,000.00	442,000.00
HVAC Ducting - Buildings C and D	1.00 LS	498,800.00	498,800.00
HVAC Equipment - Building E	1.00 LS	220,875.00	220,875.00
HVAC Controls & Misc - Buildings C and D	1.00 LS	324,413.00	324,413.00
HVAC Controls - Building E	1.00 LS	142,276.00	142,276.00
HVAC Misc Bldg E	1.00 LS	19,943.00	19,943.00
HVAC Interior Finishes	1.00 LS	99,700.00	99,700.00
Electrical Budget	37,242.00 SF	57.00	2,122,794.00
Totals			\$15,110,664.40
04 - Multi-Purpose Building			
Final Cleaning	5,950.00 SF	1.50	8,925.00
Preconstruction Support	6.00 WK	3,200.00	19,200.00
Plywood And Wood Stud Framing for Stage	4,000.00 SF	2.00	8,000.00
Rebar for Footings & SOG	1.00 LS	20,717.00	20,717.00
Concrete Footings	200.00 CY	650.00	130,000.00
Grout Base Plates	14.00 EA	200.00	2,800.00
Slab on Grade	6,489.00 SF	20.00	129,780.00
Concrete Foreman	24.00 WK	150.00	3,600.00
BIM	20.00 WK	870.00	17,400.00
Downspouts	6.00 EA	4,000.00	24,000.00
Stainless Steel Panel	1,100.00 SF	50.00	55,000.00
Mockup	1.00 EA	15,000.00	15,000.00
Wood Floor Framing at Stage	1,000.00 SF	35.00	35,000.00
Wood Framing Exterior Walls	12,000.00 SF	31.00	372,000.00
Wood Framing Interior Walls	6,000.00 SF	23.00	138,000.00
Roof Wood Framing	6,300.00 SF	34.00	214,200.00
4' x 8' - 1/2" CDX Plywood Walls & Roof	29,000.00 SF	6.44	186,687.50
6.75" GLB's	295.00 LF	245.00	72,275.00
30" GLB	51.00 LF	325.00	16,575.00
Base Cabinets	50.00 LF	425.00	21,250.00
Wood Stairs	2.00 EA	6,250.00	12,500.00
Single Ply Roofing	6,700.00 SF	22.00	147,400.00
Interior Doors Single	5.00 EA	4,500.00	22,500.00
Interior Doors Double	1.00 EA	6,500.00	6,500.00
Exterior HM Door and Frame - Single	9.00 EA	6,500.00	58,500.00
Exterior HM Door and Frame - Double	3.00 PR	7,500.00	22,500.00
Rollup Door - 12' Exterior	2.00 EA	20,000.00	40,000.00
Rollup Door - 8' Interior	1.00 EA	6,000.00	6,000.00

Description	Quantity	Unit Cost	Total Cost
Interior Aluminum Windows Allowance	200.00 SF	130.00	26,000.00
Exterior Windows	400.00 SF	195.00	78,000.00
Plastic Laminate Finishes Allowance	7,606.00 SF	18.00	136,908.00
Plastic Laminate Panels Allowance	2,000.00 SF	25.00	50,000.00
Continuous Cleanup	5,917.00 SF	5.85	34,614.45
Lath & Plaster over Wood Framing	9,500.00 SF	24.00	228,000.00
Drywall Only at Interior Walls	24,000.00 SF	7.00	168,000.00
Wall Tile	2,000.00 SF	28.00	56,000.00
Drywall for Ceilings	1,500.00 SF	10.00	15,000.00
Acoustical 2x4 Ceiling	1,200.00 SF	9.00	10,800.00
12 x 12 Acoustical Glue-On	3,800.00 SF	15.00	57,000.00
Floor Preparation	6,000.00 SF	1.00	6,000.00
Wood Flooring	1,000.00 SF	30.00	30,000.00
Athletic Flooring	3,600.00 SF	18.00	64,800.00
Epoxy Flooring	1,800.00 SF	13.50	24,300.00
Rubber Base - 4"	1,000.00 LF	4.00	4,000.00
Acoustical Fabric Wall Panels	2,500.00 SF	20.00	50,000.00
Paint - New Interior Walls	14,000.00 SF	1.25	17,500.00
Paint - New Exterior Walls	12,000.00 SF	3.00	36,000.00
Signage	1.00 LS	8,500.00	8,500.00
FRP Panels	200.00 SF	10.00	2,000.00
Bench Storage Pocket	14.00 EA	15,000.00	210,000.00
Premanufactured Table	16.00 EA	3,000.00	48,000.00
Plumbing System	1.00 LS	134,530.00	134,530.00
Roof Drains	12.00 EA	300.00	3,600.00
HVAC Piping	1.00 LS	5,000.00	5,000.00
HVAC Pre-purchased Equipment	1.00 LS	100,000.00	100,000.00
HVAC Controls	1.00 LS	50,000.00	50,000.00
HVAC Ducting	1.00 LS	145,000.00	145,000.00
HVAC Interior Finishes	1.00 LS	15,000.00	15,000.00
HVAC Commissioning	1.00 LS	9,000.00	9,000.00
Electrical	6,300.00 SF	70.00	441,000.00
Solar PV Allowance	3,690.00 SF	49.00	180,810.00
Totals			\$4,251,671.95
05 - Balconies			
Rebar for Footings & Decks	1.00 LS	59,411.00	59,411.00
Concrete Balcony Footings	145.00 CY	560.00	81,200.00
Grout Base Plates	67.00 EA	225.00	15,075.00
Concrete Slab on Metal Deck	8,500.00 SF	16.00	136,000.00
Concrete Stairs	3.00 FLT	12,000.00	36,000.00
Metal Decking	8,500.00 SF	7.00	59,500.00

Description	Quantity	Unit Cost	Total Cost
Metal Roofing	8,500.00 SF	18.00	153,000.00
24" Drilled Piers Complete - Shallow	450.00 LF	150.00	67,500.00
Totals			\$607,686.00
Sub-Total (Base Cost)			\$21,936,319.35

Estimate Summary



Material [\$1,143,990]
 Labor [\$4,497,393]
 SubContractor [\$15,928,927]
 Equipment [\$25,000]
 Other [\$341,010]

Description		Total
Sub-Total (Base Cost)		\$21,936,319.35
Sub-Total (Direct Cost)		\$21,936,319.35
Escalation/Design Contingency to 3/3/2020	5.00%	1,096,815.97
Subcontractor Default Insurance	1.50%	250,880.61
Sub-Total (Indirect Cost)		\$23,284,015.92
General Liability Insurance	1.50%	349,260.24
Builders' Risk	0.49%	115,803.05
Payment & Performance Bonds	0.90%	213,741.71
Contractor's Fee	4.85%	1,162,196.82
Construction Contingency	5.00%	1,256,250.89
MUSD Contingency	3.90%	1,028,869.48
Total Estimate		\$27,410,138.11