

PREFACE TO OPINION OF PROBABLE COST

The Opinion of Probable Cost hereunder has been compiled from drawings and specifications believed to be an accurate portrayal of the project as drawn and indicated by the architect and/or engineers on drawings. If said drawings and specifications are incomplete, the project cost engineer has included those items which would usually appear in final drawings and specifications for a complete project in a manner ordinarily prudent under the circumstances. Specialty items unknown to the cost engineer will not normally be included unless communicated through the architect and/or engineers.

The user is cautioned that changes in the scope of the project or the drawings and specifications after the Opinion of Probable Cost has been submitted can cause cost changes and the cost engineer should be notified for appropriate addenda to be issued to the Opinion of Probable Cost.

Escalation has been added to the Opinion of Probable Cost to the anticipated midpoint of construction on the whole project. The escalation is based on a starting date believed to be accurate; however, unwarranted delays should be cause for added escalation at the current rate.

The Opinion of Probable Cost has also been adjusted for geographical location based on local material and labor rates as well as local construction practice in a prevailing wage environment.

In the current Seller's market for construction, our experience shows the following results on competitive bids, as a differential from final Opinion of Probable Cost.

1 Bid, (Sole Sourced or Negotiated)	+ 15% to +38%
2 - 3 Bids	+ 8% to +12%
4 - 5 Bids	+ 4% to - 4%
6 - 7 Bids	- 5% to - 7%
8 or more bids	- 8% to - 20%

Accordingly, it is extremely important that the owner maintain continuous contact with the bidders during the bid period to assure a minimum of 4 - 5 Bids

Opinion of Probable Cost

An Opinion of Probable Cost of cost shall be construed as an indefinite evaluation of cost based on similar structures, produced from plans and/or criteria during early stages of design commonly indicated as schematic or concept level. The cost engineer will add items which are not on the plans and use judgment but cannot know in total what the architect/engineer will later include.

In providing Opinion of Probable Costs, the Client understands that the consultant has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Consultant's Opinion of Probable Costs are made on the on the basis of the Consultant's professional judgment and experience and historical costs and data as the basis of pricing. The Consultant makes no warranty, express or implied than the bids or the negotiated cost of the work will not vary from the Consultant's Opinion of Probable Cost.

The Opinion of Probable Cost is comprised of a survey of the quantities measured from the plans and specifications beyond the schematic stage commonly known as design development or working drawings. The estimator will add those items which may not appear on the plans but which he deems may latter be included by the Architect & Engineers.

The total cost is based on the work being performed by a single prime contractor in a continuous phase with construction.

The Opinion of Probable Cost will make the assumption that the following will be covered separately or not required for this project, unless specifically noted.

1. Hazardous abatement
2. Offsite work
3. Utility company fees, unless otherwise noted.
4. Any unforeseen subterranean conditions or objects

CONTINGENCY

The Owner and the Consultant agree that certain costs and changes may be required, and therefore, the final construction cost of the Project may exceed the Opinion of Probable Cost.

BID

An offer to enter into a contract at a fixed price good for a limited length of time.

SOFT COSTS - Not included in Current Cost Estimate

These costs are related to those items in a project that are necessary to prepare and complete the non-construction needs of the project. Soft costs include the architect's fees, the construction management services, the engineering reports and fees, the appraisal fee, the toxic report fee, owner contingencies, inspections, bidding/ award costs, any government fees - including the plan check fee, the cost of the building permit, any assessments, any sewer and water hook-up fees. These costs are related to those items in a project that are necessary to prepare and complete the non-construction needs of the project. Soft costs do not include construction, telecommunications, furnishings, fixed equipment, and expenditures for any other permanent components of the project.

San Mateo Foster City School District
George Hall Elementary School Multi Purpose Building & Site Work
DSA Submittal Estimate



Sierra West Group
CONSTRUCTION CONSULTANTS

COMPLETE SUMMARY

ARCHITECT: HMC Architects

GROSS SF: 7,806

DATE: 18-Jun-21

CURRENT ESTIMATE		GFA		TOTAL COST	\$/GSF
PHASE 1					
SITE WORK - PHASE 1				\$661,516	\$84.74
BUILDING IMPROVEMENTS				\$59,580	
SUBTOTAL CONSTRUCTION				\$721,096	\$92.38
SUBTOTAL CONSTRUCTION				\$721,096	\$92.38
19.0	GENERAL CONDITIONS		8.0%	\$57,688	\$7.39
20.0	BID MARKET		10.0%	\$77,878	\$9.98
22.0	OVERHEAD & PROFIT		5.0%	\$42,833	\$5.49
23.0	BONDS AND INSURANCE		2.5%	\$22,487	\$2.88
SUBTOTAL MARK UPS				\$200,886	\$25.73
SUBTOTAL CONSTRUCTION - TODAY'S DOLLARS				\$921,982	\$118.11
Escalation to Start of Construction - 8% Annual		Months	Monthly Inflation		
25.0	to June 2021	2	0.67%	\$12,293	\$1.57
TOTAL CONSTRUCTION - PHASE 1				\$934,275	\$119.69
PHASE 2					
SITE WORK		1.1	AC	\$1,637,043	\$209.72
MULTI-PURPOSE BUILDING		7,922	SF	\$5,149,509	\$650.03
SUBTOTAL CONSTRUCTION				\$6,786,552	\$869.40
SUBTOTAL CONSTRUCTION				\$6,786,552	\$869.40
19.0	GENERAL CONDITIONS		8.0%	\$542,924	\$69.55
20.0	CONTINGENCY		2.5%	\$183,237	\$23.47
22.0	OVERHEAD & PROFIT		5.0%	\$375,636	\$48.12
23.0	BONDS AND INSURANCE		2.5%	\$197,209	\$25.26
SUBTOTAL MARK UPS				\$1,299,005	\$166.41
SUBTOTAL CONSTRUCTION - TODAY'S DOLLARS				\$8,085,558	\$1,035.81
Escalation to Mid Date of Construction - 5%		Months	Monthly Inflation		
25.0	Annual to January 2023	18	0.42%	\$606,417	\$77.69
TOTAL CONSTRUCTION - PHASE 2				\$8,691,975	\$1,113.50
TOTAL CONSTRUCTION - PHASE 1 & 2				\$9,626,250	\$1,233.19

ADD ALT.	EXTERIOR CONCRETE PLATFORM	\$60,000	
ADD ALT.	EXTERIOR CHAIRLIFT/ SIGNAGE/ ELECTRICAL	\$65,000	
ADD ALT.	EXTERIOR CONCRETE STAIRS AND RAILING	\$10,000	
TOTAL CONSTRUCTION - PHASE 2 W. ALTERNATES		\$9,761,250	\$1,250.48

San Mateo Foster City School District
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 DSA Submittal Estimate



SITE SUMMARY - PHASE 1

GROSS ACRES: 1.0

ARCHITECT: HMC Architects

DATE: 18-Jun-21

TRADE	SYSTEM	DESCRIPTION	TRADE COST	COST PER BLDGSF	SYSTEM QUANTITY	UNIT	COST PER SYSTEM	SYSTEM/BLDGSF
205.0	1.0	SUBTOTAL-DEMOLITION	\$134,033	\$134,033	1	ACRES	\$121,848	1.100
220.0	14.0	SUBTOTAL-EXCAVATION, FILL AND GRADING	\$47,562	\$47,562	1	ACRES	\$43,238	1.100
277.0	15.0	SUBTOTAL- SITE UTILITIES	\$221,847	\$221,847	1	ACRES	\$201,679	1.100
299.0	16.0	SUBTOTAL-GENERAL SITE WORK	\$317,654	\$317,654	1	ACRES	\$288,776	1.100
DIVISION 2 TOTAL			\$721,096	\$721,096				
TOTAL SUBCONTRACT COST			\$721,096	\$721,096				
19.0		GENERAL CONDITIONS	8.0%	\$57,688				
20.0		CONTINGI BID MARKET	10.0%	\$77,878				
22.0		OVERHEAD & PROFIT	5.0%	\$42,833				
23.0		BONDS AND INSURANCE	2.5%	\$22,487				
SUBTOTAL MARK UPS				\$200,886				
SUBTOTAL CONSTRUCTION - TODAY'S DOLLARS				\$921,982				
TOTAL CONSTRUCTION				\$921,982	\$921,982	ACRES		

San Mateo Foster City School District
George Hall Elementary School Multi Purpose Building & Site Work
DSA Submittal Estimate

ARCHITECT: HMC Architects



ACRES: 1.10

DATE: 44,365

BY: J. Moreno

SITE WORK - PHASE 1

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		CLEAR AND GRUB	4,056	SF	\$0.75	\$3,042	\$2,765
		SAWCUT AC PAVING	1,906	LF	\$5.00	\$9,530	\$8,664
		REMOVE AC PAVING	9,354	SF	\$4.00	\$37,416	\$34,015
		SAWCUT CONCRETE PAVING	70	LF	\$15.00	\$1,050	\$955
		REMOVE CONCRETE PAVING - RAMP	720	SF	\$7.00	\$5,040	\$4,582
		REMOVE CONCRETE CURBING	260	LF	\$8.00	\$2,080	\$1,891
		REMOVE CURB & GUTTERS	25	LF	\$15.00	\$375	\$341
		REMOVE FENCING & GATES	60	LF	\$15.00	\$900	\$818
		REMOVE BACKSTOP	1	EA	\$1,500.00	\$1,500	\$1,364
		REMOVE PARKING SIGNS	2	EA	\$75.00	\$150	\$136
		REMOVE WHEELSTOPS	2	EA	\$50.00	\$100	\$91
		POT HOLE/ CAP UTILITY	5	EA	\$1,200.00	\$6,000	\$5,455
		REMOVE UTILITY LINES	130	LF	\$25.00	\$3,250	\$2,955
		REMOVE PULL BOX	2	EA	\$500.00	\$1,000	\$909
		RELOCATE PORTABLE	2	EA	\$28,800.00	\$57,600	\$52,364
		MISCELLANEOUS DEMOLITION	1	LOT	\$5,000.00	\$5,000	\$4,545
205.0	1.0	SUBTOTAL-DEMOLITION		1.1	ACRES	\$134,033	\$121,848
		SITE SURVEY	15,099	SF	\$0.40	\$6,040	\$5,491
		DUST CONTROL	15,099	SF	\$0.75	\$11,324	\$10,295
		SCARIFY, WATER AND COMPACT SUBGRADE	15,099	SF	\$1.00	\$15,099	\$13,726
		FINE GRADING TO SITE	15,099	SF	\$1.00	\$15,099	\$13,726
220.0	14.0	SUBTOTAL-EXCAVATION, FILL AND GRADING		1.1	ACRES	\$47,562	\$43,238
		STORM DRAIN					
		SD LINE- 8"	100	LF	\$125.00	\$12,500	\$11,364
		DROP INLETS	5	EA	\$2,850.00	\$14,250	\$12,955
		POC TO (E) DROP INLETS	2	EA	\$1,750.00	\$3,500	\$3,182
		EROSION CONTROL	1	LOT	\$500.00	\$500	\$455
		SANITARY SEWER					
		SS LINE- 4"	40	LF	\$80.00	\$3,200	\$2,909
		CLEAN OUTS	2	EA	\$650.00	\$1,300	\$1,182
		POC TO (E) UTILITY	3	EA	\$2,500.00	\$7,500	\$6,818
		DOMESTIC WATER					
		WATER LINE- 2"	40	LF	\$50.00	\$2,000	\$1,818
		VALVE BOXES	1	EA	\$558.00	\$558	\$507
		GATE VALVES- 2"	1	EA	\$680.00	\$680	\$618
		POC TO (E) UTILITY	3	EA	\$1,200.00	\$3,600	\$3,273

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ACRES: 1.10
 DATE: 44,365
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SITE WORK - PHASE 1

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		FIRE WATER					
		WATER LINE- 10" CL 200	560	LF	\$105.00	\$58,800	\$53,455
		WATER LINE- 6"	80	LF	\$80.00	\$6,400	\$5,818
		BFPD- 6" W/ PAD & ENCLOSURE	1	EA	\$14,500.00	\$14,500	\$13,182
		FIRE DEPARTMENT CONNECTION	1	EA	\$1,850.00	\$1,850	\$1,682
		POST INDICATOR VALVE	1	EA	\$2,750.00	\$2,750	\$2,500
		FIRE HYDRANT ASSEMBLY	2	EA	\$5,000.00	\$10,000	\$9,091
		VALVE BOXES	3	EA	\$558.00	\$1,674	\$1,522
		GATE VALVES- 6"	3	EA	\$3,600.00	\$10,800	\$9,818
		THRUST BLOCKS	7	EA	\$355.00	\$2,485	\$2,259
		POT HOLE	1	LOC	\$1,200.00	\$1,200	\$1,091
		POC TO (E) UTILITY	1	EA	\$3,500.00	\$3,500	\$3,182
		SITE POWER / COMMUNICATION					
		(N) LIGHT FIXTURES	2	EA	\$7,500.00	\$15,000	\$13,636
		DISCONNECT PORTABLE BUILDINGS/ SAFE-OFF	2	EA	\$500.00	\$1,000	\$909
		RECONNECT PORTABLE BUILDING PANELS	2	EA	\$500.00	\$1,000	\$909
		FEEDERS TO PORTABLES- 1.5" C W/ (3) #1, #6 G	180	LF	\$75.00	\$13,500	\$12,273
		TELECOMMUNICATION/ DATA	150	LF	\$50.00	\$7,500	\$6,818
		PATCH AND REPAIR HARDSCAPE	140	LF	\$145.00	\$20,300	\$18,455
277.0	15.0	SUBTOTAL- SITE UTILITIES	1.1	ACRES		\$221,847	\$201,679
		AC PAVING- 4" O/ 11" AB	3,900	SF	\$10.40	\$40,560	\$36,873
		AC PAVING- 4" O/ 7" AB	8,338	SF	\$8.00	\$66,704	\$60,640
		TIE INTO (E) AC PAVING	1,910	LF	\$12.00	\$22,920	\$20,836
		PCC PAVING	807	SF	\$20.00	\$16,140	\$14,673
		TRUNCATED DOMES	17	SF	\$85.00	\$1,445	\$1,314
		DOWEL TO (E) PCC PAVING	50	EA	\$25.00	\$1,250	\$1,136
		COMPACTED BASE ROCK	870	SF	\$4.80	\$4,176	\$3,796
		CURBING	32	LF	\$30.00	\$960	\$873
		CURB AND GUTTER	30	LF	\$100.00	\$3,000	\$2,727
		REMOVE AND REPLACE STAFF R.R. PAVING	170	SF	\$35.00	\$5,950	\$5,409
		GRIND LEVELING PAD	60	SF	\$10.00	\$600	\$545
		SOFTTILES PLAY SURFACING	2,861	SF	\$18.00	\$51,498	\$46,816
		NEW PLAY STRUCTURE - INSTALL ONLY	1	LOT	\$20,000.00	\$20,000	\$18,182
		FENCING AND GATES	115	LF	\$125.00	\$14,375	\$13,068
		STRIPING	224	LF	\$4.00	\$896	\$815
		PAINT "NO PARKING"- 12" H	2	EA	\$250.00	\$500	\$455
		WHEELSTOPS	2	EA	\$125.00	\$250	\$227
		ADA PARKING SIGNAGE	3	EA	\$450.00	\$1,350	\$1,227
		BOLLARDS- FIXED	10	EA	\$550.00	\$5,500	\$5,000

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ACRES: 1.10
 DATE: 44,365
 BY: J. Moreno

SITE WORK - PHASE 1

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		BLDG IMPROVEMENTS					
		STAFF RESTROOM UPGRADES	36	SF	\$695.00	\$25,020	\$22,745
		MINOR DEMOLITION (PARTITIONS/ FLOORING)	960	SF	\$8.50	\$8,160	\$7,418
		INTERIOR IMPROVEMENTS	960	SF	\$17.50	\$16,800	\$15,273
		UPGRADE FIRE ALARM	1,920	SF	<u>\$5.00</u>	\$9,600	\$8,727
		ADDED SCOPE			\$59,580.00		
299.0	16.0	SUBTOTAL-GENERAL SITE WORK	1.1	ACRES		\$317,654	\$288,776
		BLDG SUBTOTAL				\$721,096	\$655,542
		GENERAL CONDITIONS		8.0%		\$57,688	\$52,443
		BID MARKET		10.0%		\$77,878	\$70,799
		OVERHEAD & PROFIT		5.0%		\$42,833	\$38,939
		BONDS AND INSURANCE		2.5%		\$22,487	\$20,443
		SUBTOTAL OF MARK UP				\$200,886	\$182,624
TOTAL ON BID DAY PER BUILDING						\$921,982	\$838,166

San Mateo Foster City School District
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SITE SUMMARY

GROSS ACRES: 1.0

DATE: 18-Jun-21

ARCHITECT: HMC Architects

TRADE	SYSTEM	DESCRIPTION	TRADE COST	COST PER BLDGSF	SYSTEM QUANTITY	UNIT	COST PER SYSTEM	SYSTEM/BLDGSF
205.0	1.0	SUBTOTAL-DEMOLITION	\$156,829	\$156,829	1	ACRES	\$142,571	1.100
220.0	14.0	SUBTOTAL-EXCAVATION, FILL AND GRADING	\$155,119	\$155,119	1	ACRES	\$141,018	1.100
277.0	15.0	SUBTOTAL- SITE UTILITIES	\$345,639	\$345,639	1	ACRES	\$314,217	1.100
299.0	16.0	SUBTOTAL-GENERAL SITE WORK	\$979,456	\$979,456	1	ACRES	\$890,415	1.100
DIVISION 2 TOTAL			\$1,637,043	\$1,637,043				
TOTAL SUBCONTRACT COST			\$1,637,043	\$1,637,043				
19.0		GENERAL CONDITIONS	8.0%	\$130,963				
20.0		CONTINGENCY	2.5%	\$44,200				
22.0		OVERHEAD & PROFIT	5.0%	\$90,610				
23.0		BONDS AND INSURANCE	2.5%	\$47,570				
SUBTOTAL MARK UPS				\$313,344				
SUBTOTAL CONSTRUCTION - TODAY'S DOLLARS				\$1,950,388				
TOTAL CONSTRUCTION				\$1,950,388	\$1,950,388	ACRES		

San Mateo Foster City School District
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ARCHITECT: HMC Architects

ACRES: 1.10
 DATE: 44,365
 BY: J. Moreno

SITE WORK							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		CLEAR AND GRUB	3,766	SF	\$0.75	\$2,825	\$2,568
		SAWCUT AC PAVING	1,260	LF	\$4.50	\$5,670	\$5,155
		REMOVE AC PAVING & BASE	44,790	SF	\$2.00	\$89,580	\$81,436
		SAWCUT CONCRETE PAVING	170	LF	\$12.00	\$2,040	\$1,855
		REMOVE CONCRETE PAVING	2,768	SF	\$4.00	\$11,072	\$10,065
		REMOVE CONCRETE CURBING	258	LF	\$8.00	\$2,064	\$1,876
		REMOVE CURB & GUTTERS	55	LF	\$12.00	\$660	\$600
		REMOVE RAMPS	256	SF	\$8.00	\$2,048	\$1,862
		REMOVE STAIRS	40	N/LF	\$50.00	\$2,000	\$1,818
		REMOVE RAILINGS	32	LF	\$10.00	\$320	\$291
		REMOVE FENCING & GATES	145	LF	\$10.00	\$1,450	\$1,318
		REMOVE BACKSTOP	20	LF	\$40.00	\$800	\$727
		REMOVE PLAY GROUND APPARATUS	1	EA	\$3,500.00	\$3,500	\$3,182
		REMOVE U/G UTILITIES	60	LF	\$50.00	\$3,000	\$2,727
		REMOVE TREE	1	EA	\$2,000.00	\$2,000	\$1,818
		RAISE (E) RIM HTS FOR U/G STRUCTURES	19	EA	\$1,200.00	\$22,800	\$20,727
		MISCELLANEOUS DEMOLITION	1	LS	\$5,000.00	\$5,000	\$4,545
205.0	1.0	SUBTOTAL-DEMOLITION		1.1	ACRES	\$156,829	\$142,571
		OVER-EX/ ENGINEERED FILL TO BLDG PAD- 3' D	1,188	CYDS	\$55.00	\$65,340	\$59,400
		SITE SURVEY	32,647	SF	\$0.40	\$13,059	\$11,872
		DUST CONTROL	32,647	SF	\$0.75	\$24,485	\$22,259
		SCARIFY, WATER AND COMPACT SUBGRADE	32,647	SF	\$0.75	\$24,485	\$22,259
		FINE GRADING TO SITE	32,647	SF	\$0.85	\$27,750	\$25,227
220.0	14.0	SUBTOTAL-EXCAVATION, FILL AND GRADING		1.1	ACRES	\$155,119	\$141,018
		STORM DRAIN					
		SD LINE- 8"	290	LF	\$85.00	\$24,650	\$22,409
		SD LINE- 6"	160	LF	\$70.00	\$11,200	\$10,182
		SD LINE- 4"	80	LF	\$60.00	\$4,800	\$4,364
		DROP INLETS	5	EA	\$2,850.00	\$14,250	\$12,955
		AREA DRAINS	6	EA	\$950.00	\$5,700	\$5,182
		POC TO RWL'S W/ CLEANOUTS	2	EA	\$350.00	\$700	\$636
		POC TO (E) DROP INLETS	4	EA	\$1,750.00	\$7,000	\$6,364
		EROSION CONTROL	1	LOT	\$14,691.15	\$14,691	\$13,356

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SITE WORK							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		SANITARY SEWER					
		SS LINE- 4"	140	LF	\$100.00	\$14,000	\$12,727
		CLEAN OUTS	1	EA	\$650.00	\$650	\$591
		POC TO (E) UTILITY	1	EA	\$2,500.00	\$2,500	\$2,273
		DOMESTIC WATER					
		WATER LINE- 2"	20	LF	\$40.00	\$800	\$727
		WATER LINE- 3/4"	60	LF	\$30.00	\$1,800	\$1,636
		VALVE BOXES	1	EA	\$558.00	\$558	\$507
		GATE VALVES- 2"	1	EA	\$680.00	\$680	\$618
		DRINKING FOUNTAIN- HI-LO	1	PR	\$7,500.00	\$7,500	\$6,818
		POC TO (E) UTILITY	1	EA	\$2,500.00	\$2,500	\$2,273
		FIRE WATER					
		WATER LINE- 6"	160	LF	\$80.00	PHASE 1	
		FIRE DEPARTMENT CONNECTION	1	EA	\$1,850.00	PHASE 1	
		POST INDICATOR VALVE	1	EA	\$2,750.00	PHASE 1	
		FIRE HYDRANT ASSEMBLY	1	EA	\$5,000.00	PHASE 1	
		VALVE BOXES	1	EA	\$558.00	PHASE 1	
		GATE VALVES- 6"	1	EA	\$3,600.00	PHASE 1	
		THRUST BLOCKS	3	EA	\$355.00	PHASE 1	
		POT HOLE	1	LOC	\$1,200.00	PHASE 1	
		POC TO (E) UTILITY	1	EA	\$3,500.00	PHASE 1	
		SITE LIGHTING	1	EA	\$7,500.00	\$7,500	\$6,818
		SITE POWER					
		NEW C.B. TO (E) MSB- 400A	1	EA	\$3,500.00	\$3,500	\$3,182
		TRENCH AND BACKFILL	300	LF	\$30.00	\$9,000	\$8,182
		PULL BOXES	2	EA	\$3,500.00	\$7,000	\$6,364
		4" CONDUIT	1,360	LF	\$22.00	\$29,920	\$27,200
		#250 MCM	2,040	LF	\$23.50	\$47,940	\$43,582
		#2/0	680	LF	\$12.75	\$8,670	\$7,882
		PATCH AND REPAIR HARDSCAPE	250	LF	\$85.00	\$21,250	\$19,318
		TELECOMMUNICATION/ DATA					
		REPLACE ADMINISTRATION FACP	1	LOT	\$25,000.00	\$25,000	\$22,727
		PULLBOXES	3	EA	\$2,500.00	\$7,500	\$6,818
		TRENCHING AND BACKFILL	240	LF	\$25.00	\$6,000	\$5,455
		CONDUIT- 4"	680	LF	\$10.00	\$6,800	\$6,182
		CONDUIT- 2"	720	LF	\$7.75	\$5,580	\$5,073
		CABLING (DATA/ TELE/ FA)	880	LF	\$25.00	\$22,000	\$20,000
277.0	15.0	SUBTOTAL- SITE UTILITIES	1.1	ACRES		\$345,639	\$314,217

**San Mateo Foster City School District
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ARCHITECT: HMC Architects

ACRES: 1.10

DATE: 4/4/2015

BY: J. Moreno

SITE WORK

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		AC PAVING- 4" O/ 7" AB	19,600	SF	\$8.00	\$156,800	\$142,545
		ADD - 4" AB	3,990	SF	\$1.60	\$6,384	\$5,804
		CONCRETE PAVING- SIDEWALKS	9,047	SF	\$14.00	\$126,658	\$115,144
		ADD - COLORED PAVING	2,873	SF	\$6.00	\$17,238	\$15,671
		HVY DUTY PAVING	2,872	SF	\$25.00	\$71,800	\$65,273
		COMMERCIAL DRIVEWAY	232	SF	\$35.00	\$8,120	\$7,382
		CURB & GUTTER	50	LF	\$45.00	\$2,250	\$2,045
		TIE IN TO (E) AC PAVING	760	LF	\$15.00	\$11,400	\$10,364
		DOWEL TO (E) CONCRETE PAVING	167	EA	\$25.00	\$4,167	\$3,788
		C.I.P. PLANTER/ SEAT WALLS	21	CYDS	\$2,500.00	\$52,500	\$47,727
		DETECTABLE WARNING PAVERS	23	SF	\$65.00	\$1,495	\$1,359
		ORNAMENTAL METAL GATES- 4' W X 8' H	7	EA	\$4,800.00	\$33,600	\$30,545
		CHAIN LINK GATES- 10 X 8	4	EA	\$2,250.00	\$9,000	\$8,182
		CHAIN LINK GATES- 4 X 8	4	EA	\$1,210.00	\$4,840	\$4,400
		CHAIN LINK FENCING	246	LF	\$90.00	\$22,140	\$20,127
		ORNAMENTAL METAL FENCING- 8' H	130	LF	\$200.00	\$26,000	\$23,636
		C.L. FENCING- 8' H	274	LF	\$120.00	\$32,880	\$29,891
		SAIL CANOPIES	1	LOT	\$40,000.00	\$40,000	\$36,364
		MESH SCREENS	4	EA	\$2,500.00	\$10,000	\$9,091
		CYLINDER SEATING	13	EA	\$1,500.00	\$19,500	\$17,727
		COURT STRIPING	1	LOT	\$6,000.00	\$6,000	\$5,455
		BASKETBALL STANDARDS	2	EA	\$4,500.00	\$9,000	\$8,182
		SYNTHETIC TURF & SUB GRADE DRAINAGE	4,000	SF	\$20.00	\$80,000	\$72,727
		CURBING TO PLAY STRUCTURES	260	LF	\$36.00	\$9,360	\$8,509
		OUTDOOR STAGE					
		FOOTINGS- CONTINUOUS	18	CYDS	\$1,200.00	\$21,120	\$19,200
		C.I.P. STAIRS	24	N/LF	\$185.00	\$4,440	\$4,036
		C.I.P. WALLS- 6"	6	CYDS	\$2,500.00	\$13,750	\$12,500
		GUARDRAILS- FREESTANDING	20	LF	\$225.00	\$4,500	\$4,091
		CONCRETE PAVING O/ FILL	387	SF	\$30.00	\$11,610	\$10,555
		DEPRESSED SLAB TO LIFT	22	SF	\$25.00	\$550	\$500
		ADA LIFT	1	EA	\$50,000.00	\$50,000	\$45,455
		TRASH ENCLOSURE					
		CMU WALL FOOTING	16	CYD	\$1,000.00	\$16,399	\$14,908
		CONCRETE APRON	390	SF	\$20.00	\$7,800	\$7,091
		CMU WALLS- 6'	456	SF	\$50.00	\$22,822	\$20,747
		CAP TO CMU WALL	68	LF	\$20.00	\$1,367	\$1,242
		ROLLING GATE- 17 LF	1	EA	\$6,110.00	\$6,110	\$5,555
		SEAL/ GRAFFITI COATING TO CMU	456	SF	\$3.50	\$1,598	\$1,452

San Mateo Foster City School District
 George Hall Elementary School Multi Purpose Building & Site Work
 DSA Submittal Estimate



ARCHITECT: HMC Architects

ACRES: 1.10
 DATE: 44,365
 BY: J. Moreno

SITE WORK							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		LANDSCAPING/ IRRIGATION					
		IRRIGATION & GROUND COVER	3,314	SF	\$6.00	\$19,884	\$18,076
		5GAL SHRUB	213	EA	\$75.00	\$15,975	\$14,523
		TREES - 24" BOX	17	EA	\$1,200.00	\$20,400	\$18,545
299.0	16.0	SUBTOTAL-GENERAL SITE WORK	1.1	ACRES		\$979,456	\$890,415
		BLDG SUBTOTAL				\$1,637,043	\$1,488,221
		GENERAL CONDITIONS			8.0%	\$130,963	\$119,058
		CONTINGENCY - UNDOCUMENTED NEEDS			2.5%	\$44,200	\$40,182
		OVERHEAD & PROFIT			5.0%	\$90,610	\$82,373
		BONDS AND INSURANCE			2.5%	\$47,570	\$43,246
		SUBTOTAL OF MARK UP				\$313,344	\$284,859
TOTAL IN TODAY'S DOLLAR						\$1,950,388	\$1,773,080

San Mateo Foster City School District
 George Hall Elementary School Multi Purpose Building & Site Work
 DSA Submittal Estimate



MPR BLDG - COMPONENT COST SUMMARY

ARCHITECT: HMC Architects

GROSS SF: 7,922

DATE: 18-Jun-21

SYSTEM	BUILDING SYSTEM SUMMARY	COST W/O MARK UP	\$/GSF
	1.0 FOUNDATION	\$201,283	\$25.41
	2.0 VERTICAL STRUCTURE	\$761,156	\$96.08
	3.0 FLOOR & ROOF STRUCTURE	\$568,928	\$71.82
	4.0 EXTERIOR FENESTRATION	\$698,620	\$88.19
	5.0 ROOFING	\$376,725	\$47.55
SHELL		\$2,606,712	\$329.05
	6.0 INTERIOR PARTITION	\$603,522	\$76.18
	7.0 INTERIOR FINISHES	\$132,847	\$16.77
INTERIORS		\$736,368	\$92.95
	8.0 MISC. EQUIPMENT	\$484,289	\$61.13
	9.0 VERTICAL TRANSPORTATION	\$35,000	\$4.42
FUNC. EQUIPMENT		\$519,289	\$65.55
	10.0 PLUMBING	\$246,711	\$31.14
	11.0 HVAC	\$374,152	\$47.23
	12.0 ELECTRICAL	\$582,802	\$73.57
	13.0 FIRE PROTECTION	\$83,475	\$10.54
MECHANICAL / ELECTRICAL		\$1,287,140	\$162.48
SUBTOTAL BUILDING		\$5,149,509	\$650.03
SUBTOTAL CONSTRUCTION		\$5,149,509	\$650.03
	19.0 GENERAL CONDITIONS	8.0% \$411,961	\$52.00
	20.0 CONTINGENCY	2.5% \$139,037	\$17.55
	22.0 CONTINGENCY - LABOR CONSRAINTS OF LLB/ PLA/ AB3018	NOT ANTICIPATED	
	23.0 OVERHEAD & PROFIT	5.0% \$285,025	\$35.98
	24.0 BONDS AND INSURANCE	2.5% \$149,638	\$18.89
	NOTE: ESTIMATED AS A TRADITIONAL DESIGN/ BID/ BUILD CONTRACT DELIVERY.		
SUBTOTAL MARK UPS		\$985,661	\$124.42
SUBTOTAL CONSTRUCTION - TODAY'S DOLLARS		\$6,135,170	\$774.45
	Escalation to Mid Date of Construction - 5%	Months Monthly Inflation	
	25.0 Annual to January 2023	18 0.42%	\$460,138 \$58.08
TOTAL HARD CONSTRUCTION		\$6,595,308	\$832.53

San Mateo Foster City School District
George Hall Elementary School Multi Purpose Building & Site Work
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TRADE SYSTEM SUMMARY

GROSS SF: 7,922

ARCHITECT: HMC Architects

DATE: 18-Jun-21

TRADE	SYSTEM	BUILDING COST ONLY DESCRIPTION	TRADE COST	COST PER BLDG SF	SYSTEM QUANTITY	UNIT	COST PER SYSTEM	SYSTEM/ BLDG SF
310.0	1.0	SUBTOTAL-CONCRETE FOUNDATIONS	\$201,283	\$25.41	7,922	BLDG SF	\$25.41	1.000
310.0	3.0	SUBTOTAL-SLAB ON GRADE	\$155,005	\$19.57	7,922	FLSF	\$19.57	1.000
		DIVISION 3 TOTAL	\$356,288	\$44.97				
410.0	2.0	SUBTOTAL-EXTERIOR WALLS	\$751,156	\$94.82	6,640	SF	\$113.13	0.838
410.0	6.0	SUBTOTAL-INTERIOR WALLS	\$346,335	\$43.72	8,924	SF	\$38.81	1.126
		DIVISION 4 TOTAL	\$1,097,491	\$138.54				
510.0	3.0	SUBTOTAL-STRUCTURAL STEEL	\$307,723	\$38.84	33	TONS	\$9,216.02	0.004
510.0	3.0	SUBTOTAL-STAIRS				FLIGHTS	#DIV/0!	
530.0	3.0	SUBTOTAL-METAL DECKS	\$106,200	\$13.41	5,220	SF	\$20.34	0.659
550.0	2.0	SUBTOTAL-MISC. METALS	\$10,000	\$1.26	7,922	BLDG SF	\$1.26	1.000
550.0	4.0	SUBTOTAL-METAL SCREENS	\$49,000	\$6.19	584	BLDG SF	\$83.90	0.074
		DIVISION 5 TOTAL	\$472,923	\$59.70				
610.0	4.0	SUBTOTAL-ROUGH CARPENTRY	\$343,937	\$43.42	7,922	BLDG SF	\$43.42	1.000
		DIVISION 6 TOTAL	\$343,937	\$43.42				
740.0	5.0	SUBTOTAL- ROOFING	\$275,781	\$34.81	10,260	RFSF	\$26.88	1.295
760.0	5.0	SUBTOTAL-SHEET METAL FLASHING	\$85,100	\$10.74	10,260	RFSF	\$8.29	1.295
790.0	5.0	SUBTOTAL-CAULK & SEALANTS	\$15,844	\$2.00	7,922	BLDG SF	\$2.00	1.000
		DIVISION 7 TOTAL	\$376,725	\$47.55				
810.0	4.0	SUBTOTAL-DOORS/FRAMES/HDWR - EXT.	\$144,139	\$18.19	23	DRS	\$6,266.90	0.003
810.0	6.0	SUBTOTAL-DOORS/FRAMES/HDWR - INT.	\$46,300	\$5.84	14	DRS	\$3,307.14	0.002
830.0	4.0	SUBTOTAL-EXTERIOR GLAZING	\$161,545	\$20.39	1,380	SF	\$117.06	0.174
		DIVISION 8 TOTAL	\$351,984	\$44.43				
910.0	6.0	SUBTOTAL-DRYWALL, ACOUSTIC - CEILING	\$12,950	\$1.63	1,400	SF	\$9.25	0.177
950.0	7.0	SUBTOTAL-ACOUSTICAL TILE	\$51,172	\$6.46	4,147	SF	\$12.34	0.523
965.0	7.0	SUBTOTAL-FLOORING	\$60,327	\$7.62	7,066	FLSF	\$8.54	0.892
990.0	6.0	SUBTOTAL-PAINT/ WALL COVERING	\$197,937	\$24.99	7,922	BLDG SF	\$24.99	1.000
		DIVISION 9 TOTAL	\$343,733	\$43.39				
1010.0	8.0	SUBTOTAL-TOILET ACCESSORIES	\$4,776	\$0.60	7,922	BLDG SF	\$0.60	1.000
1099.0	8.0	SUBTOTAL-MISCELLANEOUS SPECIALTIES	\$412,913	\$52.12	7,922	BLDG SF	\$52.12	1.000
		DIVISION 10 TOTAL	\$417,689	\$52.73				
1160.0	8.0	SUBTOTAL-CASEWORK	\$66,600	\$8.41	7,922	BLDG SF	\$8.41	1.000
		DIVISION 11 TOTAL	\$66,600	\$8.41				
1410.0	9.0	SUBTOTAL-CONVEYING SYSTEMS	\$35,000	\$4.42	7,922	BLDG SF	\$4.42	1.000
		DIVISION 14 TOTAL	\$35,000	\$4.42				
1530.0	13.0	SUBTOTAL-FIRE PROTECTION	\$83,475	\$10.54	7,922	BLDG SF	\$10.54	1.000
1544.0	10.0	SUBTOTAL-PLUMBING	\$246,711	\$31.14	23	FIX	\$10,726.55	0.003
1546.0	11.0	SUBTOTAL-HVAC	\$374,152	\$47.23	7,922	BLDG SF	\$47.23	1.000
		DIVISION 15 TOTAL	\$704,338	\$88.91				
1610.0	12.0	SUBTOTAL-ELECTRICAL SYSTEMS	\$582,802	\$73.57	7,922	BLDG SF	\$73.57	1.000
		DIVISION 16 TOTAL	\$582,802	\$73.57				
TOTAL SUBCONTRACT COST			\$5,149,509	\$650.03				

San Mateo Foster City School District
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ARCHITECT: HMC Architects

GROSS SF: 7,922

DATE: 18-Jun-21

BY: J. Moreno

MULTI-PURPOSE BUILDING							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		EXCAVATION TO FOUNDATIONS	144	CYDS	\$35.00	\$5,023	\$0.63
		FOOTINGS- CONTINUOUS	130	CYDS	\$950.00	\$123,025	\$15.53
		FOOTINGS- ISOLATED	14	CYDS	\$950.00	\$13,300	\$1.68
		DRILLED PIER FOUNDATIONS	15	CYDS	\$1,850.00	\$27,935	\$3.53
		C.I.P. STEMWALLS- 10"	13	CYDS	\$2,500.00	\$32,000	\$4.04
310.0	1.0	SUBTOTAL-CONCRETE FOUNDATIONS	7,922	BLDGSF		\$201,283	\$25.41
		SLAB ON GRADE- 5" W/ #4 @ 16" OC	7,922	SF	\$17.50	\$138,635	\$17.50
		CURBING	440	LF	\$28.00	\$12,320	\$1.56
		DEPRESSED SLAB FORMS	162	LF	\$25.00	\$4,050	\$0.51
310.0	3.0	SUBTOTAL-SLAB ON GRADE	7,922	FLSF		\$155,005	\$19.57
		STUD FRAMING- 2 X 10 @ 16" OC	2,910	SF	\$24.00	\$69,840	\$8.82
		STUD FRAMING- 2 X 6 @ 16" OC	3,730	SF	\$20.00	\$74,600	\$9.42
		METAL PANEL SIDING	2,560	SF	\$75.00	\$192,000	\$24.24
		PLASTER & LATH	3,730	SF	\$35.00	\$130,550	\$16.48
		TRESPA PANELS	350	SF	\$80.00	\$28,000	\$3.53
		RIGID INSULATION- 1"	6,640	SF	\$2.50	\$16,600	\$2.10
		BUILDING WRAP	6,640	SF	\$5.00	\$33,200	\$4.19
		PLYWOOD SHEATHING- 1/2" S1	6,640	SF	\$10.00	\$66,400	\$8.38
		BATT INSULATION- R-19	6,250	SF	\$2.50	\$15,625	\$1.97
		GYPSUM BOARD TO INSIDE FACE- 5/8" TYPE X	6,250	SF	\$6.50	\$40,625	\$5.13
		EXT. SOFFITS- PLASTER	1,480	SF	\$40.00	\$59,200	\$7.47
		EXT. SOFFITS- ACOUSTICAL METAL DECKING	454	SF	\$54.00	\$24,516	\$3.09
410.0	2.0	SUBTOTAL-EXTERIOR WALLS	6,640	SF		\$751,156	\$94.82
		STUD FRAMING- 2 X 10 @ 16" OC	2,816	SF	\$24.00	\$67,584	\$8.53
		STUD FRAMING- 2 X 6 @ 16" OC	5,772	SF	\$20.00	\$115,440	\$14.57
		STUD FRAMING- 2 X 4 @ 16" OC	336	SF	\$15.00	\$5,040	\$0.64
		INTERIOR SHEAR PANEL- 1/2"	2,940	SF	\$10.00	\$29,400	\$3.71
		BATT INSULATION- ACOUSTICAL	8,924	SF	\$2.50	\$22,310	\$2.82
		GYPSUM BOARD TO WALLS- 5/8" TYPE X	16,394	SF	\$6.50	\$106,561	\$13.45
410.0	6.0	SUBTOTAL-INTERIOR WALLS	8,924	SF		\$346,335	\$43.72
		WIDE FLANGE BEAMS	21.8	TONS	\$6,500.00	\$141,635	\$17.88
		TUBE STEEL COLUMNS/ BEAMS	11.6	TONS	\$7,500.00	\$87,000	\$10.98
		BASE CONNECTIONS	39	EA	\$550.00	\$21,450	\$2.71
		MOMENT CONNECTIONS	14	EA	\$1,250.00	\$17,500	\$2.21
		MISCELLANEOUS CONNECTIONS	1	LS	\$40,137.75	\$40,138	\$5.07
510.0	3.0	SUBTOTAL-STRUCTURAL STEEL	33	TONS		\$307,723	\$38.84

San Mateo Foster City School District
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ARCHITECT: HMC Architects

GROSS SF: 7,922

DATE: 18-Jun-21

BY: J. Moreno

MULTI-PURPOSE BUILDING

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		ROOF DECK- ACOUSTICAL	4,500	SF	\$22.00	\$99,000	\$12.50
		METAL ROOF DECKS- 3" X 18 GA	720	SF	\$10.00	\$7,200	\$0.91
530.0	3.0	SUBTOTAL-METAL DECKS	5,220	SF		\$106,200	\$13.41
		MECHANICAL ACCESS HATCHES/ LADDERS	2	EA	\$5,000.00	\$10,000	\$1.26
550.0	2.0	SUBTOTAL-MISC. METALS	7,922	BLDGSF		\$10,000	\$1.26
		MECHANICAL SCREENS	584	SF	\$75.00	\$43,800	\$5.53
		CANOPIES- BLDG MOUNTED	80	SF	\$65.00	\$5,200	\$0.66
550.0	4.0	SUBTOTAL-METAL SCREENS	584	BLDGSF		\$49,000	\$6.19
		FLOOR JOISTS- 1 3/4" X 11 1/4" LVL @ 16" OC	626	SF	\$35.00	\$21,910	\$2.77
		FLOOR SHEATHING- 3/4" T&G	626	SF	\$12.00	\$7,512	\$0.95
		CEILING JOISTS- 2 X 8 @ 16" OC	484	SF	\$18.00	\$8,712	\$1.10
		ROOF JOISTS- 1 3/4" X 9 1/4" LVL @ 24" OC	840	SF	\$25.00	\$21,000	\$2.65
		ROOF JOISTS- 11 7/8" TJI 360 @ 24" OC	3,880	SF	\$25.00	\$97,000	\$12.24
		ROOF JOISTS- 2 X 10 @ 24" OC	640	SF	\$14.00	\$8,960	\$1.13
		ROOF SHEATHING- 1/2" PLY	5,274	SF	\$8.00	\$42,192	\$5.33
		STAIRS- FRAMED	48	N/LF	\$200.00	\$9,600	\$1.21
		HEADERS / BEAMS	920	BF	\$12.00	\$11,040	\$1.39
		POSTS	860	BF	\$12.00	\$10,320	\$1.30
		BLOCKING	1,140	BF	\$10.00	\$11,400	\$1.44
		BEAMS- PSL	3,690	BF	\$14.00	\$51,660	\$6.52
		HOLDOWNS	25	EA	\$500.00	\$12,500	\$1.58
		HARDWARE	1	LS	\$30,130.60	\$30,131	\$3.80
610.0	4.0	SUBTOTAL-ROUGH CARPENTRY	7,922	BLDGSF		\$343,937	\$43.42
		STANDING SEAM ROOFING	3,800	SF	\$25.00	\$95,000	\$11.99
		SINGLE PLY ROOFING	6,460	SF	\$12.00	\$77,520	\$9.79
		RIGID INSULATION- 8"	9,870	SF	\$6.00	\$59,220	\$7.48
		COVER BOARD- EXTERIOR GYP	10,260	SF	\$2.85	\$29,241	\$3.69
		RIGID INSULATION- TAPERED	1,480	SF	\$10.00	\$14,800	\$1.87
740.0	5.0	SUBTOTAL- ROOFING	10,260	RFSF		\$275,781	\$34.81
		ROOF ACCESSORIES AND FLASHINGS	10,260	SF	\$1.75	\$17,955	\$2.27
		INTERNAL GUTTER	53	LF	\$65.00	\$3,445	\$0.43
		PARAPET CAPS	260	LF	\$65.00	\$16,900	\$2.13
		METAL FASCIA PANELS	306	SF	\$75.00	\$22,950	\$2.90
		METAL FACIA/ DRIP EDGE	530	LF	\$45.00	\$23,850	\$3.01
760.0	5.0	SUBTOTAL-SHEET METAL FLASHING	10,260	RFSF		\$85,100	\$10.74

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ARCHITECT: HMC Architects

GROSS SF: 7,922

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MULTI-PURPOSE BUILDING							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		CAULKING AND SEALANTS	7,922	SF	\$2.00	\$15,844	\$2.00
790.0	5.0	SUBTOTAL-CAULK & SEALANTS	7,922	BLDGSF		\$15,844	\$2.00
		STOREFRONT DOORS- 30810	4	EA	\$5,750.00	\$23,000	\$2.90
		DOORS FRAMES & HARDWARE- HM 3070	17	EA	\$3,500.00	\$59,500	\$7.51
		SLIDING PANELIZED DOOR - FULL GLAZED	1	EA	\$39,588.75	\$39,589	\$5.00
		ADD- PANIC HARDWARE	4	EA	\$1,200.00	\$4,800	\$0.61
		ADD- VISION PANELS	1	EA	\$250.00	\$250	\$0.03
		MOTORIZED OVERHEAD DOOR - 15 X 12	1	EA	\$17,000.00	\$17,000	\$2.15
810.0	4.0	SUBTOTAL-DOORS/FRAMES/HDWR - EXT.	23	DRS		\$144,139	\$18.19
		DOORS/ FRAMES/ HARDWARE- UNDER STAGE	8	EA	\$1,000.00	\$8,000	\$1.01
		DOORS, FRAMES & HARDWARE- SC 3070	12	EA	\$2,200.00	\$26,400	\$3.33
		DOORS, FRAMES & HARDWARE- SC 3670	2	EA	\$2,400.00	\$4,800	\$0.61
		ADD- VISION PANELS	5	EA	\$250.00	\$1,250	\$0.16
		ADD- PANIC HARDWARE	9	EA	\$650.00	\$5,850	\$0.74
810.0	6.0	SUBTOTAL-DOORS/FRAMES/HDWR - INT.	14	DRS		\$46,300	\$5.84
		EXTERIOR GLAZING- STOREFRONT	1,225	SF	\$115.00	\$140,875	\$17.78
		ADD- CURTAIN WALL	726	SF	\$25.00	\$18,150	\$2.29
		ADD- ETCHED GLAZING (PER A6.2/2)	168	SF	\$15.00	\$2,520	\$0.32
830.0	4.0	SUBTOTAL-EXTERIOR GLAZING	1,380	SF		\$161,545	\$20.39
		GYP BOARD TO CLGS/ SOFFITS	700	SF	\$6.50	\$4,550	\$0.57
		FRAMING TO CEILINGS/ SOFFITS	700	SF	\$12.00	\$8,400	\$1.06
910.0	6.0	SUBTOTAL-DRYWALL,ACOUSTIC - CEILING	1,400	SF		\$12,950	\$1.63
		CERAMIC TILE WAINSCOT	430	SF	\$30.00	\$12,900	\$1.63
		QUARRY TILE- FLOORS	352	SF	\$24.00	\$8,448	\$1.07
930.0	7.0	SUBTOTAL-CERAMIC TILE	430	SF		\$21,348	\$2.69
		SUSPENDE ACOUSTICAL CLGS- 2 X 4	3,443	SF	\$12.00	\$41,316	\$5.22
		SUSPENDE ACOUSTICAL CLGS- 2 X 4 WASHABLE	704	SF	\$14.00	\$9,856	\$1.24
950.0	7.0	SUBTOTAL-ACOUSTICAL TILE	4,147	SF		\$51,172	\$6.46

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ARCHITECT: HMC Architects

GROSS SF: 7,922

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BY: J. Moreno

MULTI-PURPOSE BUILDING

TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		RESILIENT SHEET FLOORING	6,183	SF	\$7.50	\$46,373	\$5.85
		SEALED CONCRETE	488	SF	\$3.00	\$1,464	\$0.18
		EPOXY FLOORING	395	SF	\$22.00	\$8,690	\$1.10
		RESILIENT BASE	950	LF	\$4.00	\$3,800	\$0.48
965.0	7.0	SUBTOTAL-FLOORING	7,066	FLSF		\$60,327	\$7.62
		PAIN TO GYPSUM BOARD	21,047	SF	\$2.50	\$52,618	\$6.64
		PAIN TO PLASTER	4,184	SF	\$3.00	\$12,552	\$1.58
		TACKABLE WALL PANELS	962	SF	\$18.00	\$17,316	\$2.19
		STAINLESS STEEL PANELS	28	SF	\$50.00	\$1,400	\$0.18
		TRESPA PANEL	380	SF	\$80.00	\$30,400	\$3.84
		ACOUSTICAL WALL PANELS- FABRIC WRAPPED	955	SF	\$45.00	\$42,975	\$5.42
		OPEN TO STRUCTURE- PAINT	3,110	SF	\$3.00	\$9,330	\$1.18
		FRP	1,514	SF	\$14.00	\$21,196	\$2.68
		PAINT TO DOORS AND FRAMES	29	EA	\$350.00	\$10,150	\$1.28
990.0	6.0	SUBTOTAL-PAINT/ WALL COVERING	7,922	BLDGSF		\$197,937	\$24.99
		GRAB BARS	3	PRS	\$350.00	\$1,050	\$0.13
		TOILET PAPER DISPENSERS	3	EA	\$150.00	\$450	\$0.06
		SEAT COVER DISPENSERS	3	EA	\$125.00	\$375	\$0.05
		SANITARY NAPKIN DISPOSALS- SURFACE	2	EA	\$100.00	\$200	\$0.03
		NAPKIN VENDORS	1	EA	\$455.00	\$455	\$0.06
		SOAP DISPENSERS	3	EA	\$108.80	\$326	\$0.04
		MIRRORS	3	EA	\$150.00	\$450	\$0.06
		PAPER TOWEL DISPENSORS/ DISPOSALS	3	EA	\$450.00	\$1,350	\$0.17
		MOP HOLDERS	1	EA	\$120.00	\$120	\$0.02
1010.0	8.0	SUBTOTAL-TOILET ACCESSORIES	7,922	BLDGSF		\$4,776	\$0.60

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MULTI-PURPOSE BUILDING							
TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		WINDOW COVERINGS	486	SF	\$18.00	\$8,748	\$1.10
		MOTORIZED BLINDS	894	SF	\$45.00	\$40,230	\$5.08
		WALK IN FLOOR MAT	67	SF	\$125.00	\$8,375	\$1.06
		KITCHEN & SERVERY EQUIPMENT	680	SF	\$250.00	\$170,000	\$21.46
		BREAK ROOM EQUIPMENT	1	LOT	\$7,500.00	\$7,500	\$0.95
		HANDRAILS- WALL MTD.	20	LF	\$65.00	\$1,300	\$0.16
		MARKER BOARDS	211	SF	\$35.00	\$7,385	\$0.93
		FIRE EXTINGUISHERS/ CABINETS	6	EA	\$550.00	\$3,300	\$0.42
		ASSISITIVE LISTENING SYSTEM	1	LOT	\$5,000.00	\$5,000	\$0.63
		ALS - PORTABLE	1	LOT	\$3,500.00	\$3,500	\$0.44
		STAGE A/V	1	LOT	\$90,000.00	\$90,000	\$11.36
		STAGE CURTAIN	640	SF	\$65.00	\$41,600	\$5.25
		BASKETBALL BACKSTOPS	2	EA	\$8,500.00	\$17,000	\$2.15
		VOLLEYBALL INSERTS	1	PR	\$500.00	\$500	\$0.06
		COURT STRIPING	1	LS	\$3,000.00	\$3,000	\$0.38
		DOOR SIGNAGE	37	EA	\$75.00	\$2,775	\$0.35
		METAL LETTER SIGNAGE- 20"	3	EA	\$300.00	\$900	\$0.11
		METAL LETTER SIGNAGE- 14"	8	EA	\$225.00	\$1,800	\$0.23
1099.0	8.0	SUBTOTAL-MISCELLANEOUS SPECIALTIES	7,922	BLDG SF		\$412,913	\$52.12
		BASE CABINETS & COUNTERTOPS	71	LF	\$550.00	\$38,775	\$4.89
		UPPER CABINETS	28	LF	\$330.00	\$9,075	\$1.15
		FULL HEIGHT CABINETS	25	LF	\$750.00	\$18,750	\$2.37
1160.0	8.0	SUBTOTAL-CASEWORK	7,922	BLDG SF		\$66,600	\$8.41
		WHEEL CHAIR LIFT- 3' LIFT HEIGHT	1	EA	\$35,000.00	\$35,000	\$4.42
1410.0	9.0	SUBTOTAL-CONVEYING SYSTEMS	7,922	BLDG SF		\$35,000	\$4.42
		FIRE PROTECTION	10,494	SF	\$7.50	\$78,705	\$9.93
		FIRE PROTECTION TO UNDERSIDE OF STAGE	636	SF	\$7.50	\$4,770	\$0.60
1530.0	13.0	SUBTOTAL-FIRE PROTECTION	7,922	BLDG SF		\$83,475	\$10.54

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TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		HOT WATER SOURCES	1	LOT	\$18,500.00	\$18,500	\$2.34
		LAVATORIES- WALL MTD	3	EA	\$1,200.00	\$3,600	\$0.45
		WATER CLOSETS- WALL MTD	3	EA	\$1,800.00	\$5,400	\$0.68
		SINKS- SINGLE	5	EA	\$1,069.15	\$5,346	\$0.67
		DRINKING FOUNTAINS- W/ BOTTLE FILLER/ FILTER	3	PR	\$6,500.00	\$19,500	\$2.46
		EMERGENCY EYEWASH STATION	1	EA	\$2,250.00	\$2,250	\$0.28
		JANITOR'S SINK	1	EA	\$750.00	\$750	\$0.09
		FLOOR SINKS	2	EA	\$485.00	\$970	\$0.12
		FLOOR DRAINS	6	EA	\$575.00	\$3,450	\$0.44
		TRAP PRIMERS- ELECTRONIC	2	EA	\$1,200.00	\$2,400	\$0.30
		WATER HAMMER ARRESTORS	2	EA	\$315.00	\$630	\$0.08
		HOSE BIBBS/ HYDRANTS	7	EA	\$485.00	\$3,395	\$0.43
		ADD- FLUSH SENSORS	6	EA	\$395.00	\$2,370	\$0.30
		ROUGH IN TO KITCHEN FIXTURES	4	EA	\$6,000.00	\$24,000	\$3.03
		ROUGH IN TO FIXTURES	19	FIX	\$6,750.00	\$128,250	\$16.19
		ROOF DRAINS W/ OVERFLOWS	2	EA	\$3,500.00	\$7,000	\$0.88
		RAINWATER LEADERS- 4"	180	LF	\$105.00	\$18,900	\$2.39
1544.0	10.0	SUBTOTAL-PLUMBING	23	FIX		\$246,711	\$31.14
		HVAC EQUIPMENT					
		PACKAGED HEAT PUMP	30	TONS	\$4,000.00	\$120,000	\$15.15
		SPLIT SYSTEMS	2,180	CFM	\$18.00	\$39,240	\$4.95
		KITCHEN EXHAUST FAN	750	CFM	\$4.50	\$3,375	\$0.43
		EXHAUST FANS- ROOF/ INLINE	450	CFM	\$3.00	\$1,350	\$0.17
		CONTROLS	7,922	SF	\$6.00	\$47,532	\$6.00
		HVAC ROUGH IN					
		G.I. DUCTWORK- RECTANGULAR	2,533	LBS	\$20.00	\$50,669	\$6.40
		G.I. DUCTWORK- ROUND	1,960	LBS	\$18.00	\$35,280	\$4.45
		FLEX DUCT- TO 12"	120	LF	\$55.00	\$6,600	\$0.83
		ACOUSTICAL LINER	710	SF	\$15.00	\$10,650	\$1.34
		LINEAR DIFFUSERS - 6"	40	LF	\$175.00	\$7,000	\$0.88
		DIFFUSERS/ GRILLES- 12"	29	EA	\$300.00	\$8,700	\$1.10
		REFRIGERANT PIPING	900	LF	\$20.00	\$18,000	\$2.27
		CONDENSATE PIPING	450	LF	\$17.00	\$7,650	\$0.97
		RIGGING	1	LS	\$2,500.00	\$2,500	\$0.32
		TEST AND BALANCE	7,922	SF	\$1.00	\$7,922	\$1.00
		FIRE STOPPING	7,922	SF	\$0.22	\$1,743	\$0.22
		SIEMIC SUPPORT	7,922	SF	\$0.70	\$5,545	\$0.70
		PIPING IDENTIFICATION	7,922	SF	\$0.05	\$396	\$0.05
1546.0	11.0	SUBTOTAL-HVAC	7,922	BLDGSF		\$374,152	\$47.23

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TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		LIGHTING					
		LIGHTING CONTROL PANELS	1	EA	\$2,500.00	\$2,500	\$0.32
		LIGHTING INVERTER	1	EA	\$2,500.00	\$2,500	\$0.32
		LIGHTING PACKAGE QUOTE - MATERIAL/ LABOR	7,922	SF	\$14.50	\$114,869	\$14.50
		SUSPENDED DIRECT/ INDIRECT- 8' L- 85W LED- DIMMING	25	EA			
		2X4 TROFFERS- 36W LED	39	EA			
		2X2 TROFFERS- 29W LED	18	EA			
		RECESSED DOWNLIGHTS- 5"- 22W LED- DIMMING	6	EA			
		STRIP LIGHTS- 1X4- 44W LED- DIMMING	7	EA			
		WALL PACKS W/ EMERG. BATTERIES- 52W LED	10	EA			
		TRACK LIGHT- 24' L- 1680W LED- DIMMING	24	LF			
		EXIT SIGNS- EDGE LIT- 2.4W LED	4	EA			
		EXTERIOR DOWNLIGHTS	20	EA			
		CANOPY LIGHTS- SURFACE MT 1X4	3	EA			
		BATTERY BACKUP	26	EA	\$395.00	\$10,270	\$1.30
		OCCUPANCY SENSORS	25	EA	\$450.00	\$11,250	\$1.42
		DAYLIGHTING CONTROLS	2	EA	\$350.00	\$700	\$0.09
		DIMMER SWITCHES	9	EA	\$200.00	\$1,800	\$0.23
		DIMMER SWITCHES- 3 WAY	2	EA	\$250.00	\$500	\$0.06
		SWITCHES- KEYED	2	EA	\$175.00	\$350	\$0.04
		SWITCHES- SINGLE POLE	3	EA	\$150.00	\$450	\$0.06
		SWITCHES- 3 WAY	2	EA	\$195.00	\$390	\$0.05
		BRANCH CONDUIT AND WIRE	4,086	LF	\$12.00	\$49,032	\$6.19
		POWER					
		DISTRIBUTION PANELS- 480V	725	AMP	\$40.00	\$29,000	\$3.66
		TRANSFORMER- 112.5KVA	1	EA	\$13,650.00	\$13,650	\$1.72
		DIRTRIBUTION PANELS- 208V	1025	AMP	\$38.00	\$38,950	\$4.92
		SURGE PROTECTION DEVICE	1	EA	\$2,500.00	\$2,500	\$0.32
		PANEL FEEDERS- 225A	40	LF	\$150.00	\$6,000	\$0.76
		PANEL FEEDERS- 100A	30	LF	\$75.00	\$2,250	\$0.28
		MECHANICAL FEEDERS	7922	SF	\$3.50	\$27,727	\$3.50
		FUSED DISCONNECTS	8	EA	\$950.00	\$7,600	\$0.96
		FUSED DISCONNECTS- WP	9	EA	\$1,200.00	\$10,800	\$1.36
		DUPLEX OUTLETS	48	EA	\$150.00	\$7,200	\$0.91
		DUPLEX OUTLETS- GFI	28	EA	\$195.00	\$5,460	\$0.69
		QUAD OUTLETS- GFI	1	EA	\$295.00	\$295	\$0.04
		DUPLEX OUTLETS- GFI WP	13	EA	\$250.00	\$3,250	\$0.41
		QUAD OUTLETS	5	EA	\$275.00	\$1,375	\$0.17
		FLOOR BOXES	1	EA	\$1,200.00	\$1,200	\$0.15
		J-BOXES	19	EA	\$150.00	\$2,850	\$0.36
		SPECIAL RECEPTACLES	4	EA	\$350.00	\$1,400	\$0.18
		CONDUIT AND WIRE	3400	LF	\$12.00	\$40,800	\$5.15
		POWER DISTRIBUTION TESTING AND COMMISSIONING	1	LS	\$5,000.00	\$5,000	\$0.63

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		DATA/ SIGNAL/ AV					
		IDF	1	EA	\$2,500.00	\$2,500	\$0.32
		A/V CABINET	1	EA	\$1,250.00	\$1,250	\$0.16
		CABLE TRAY/ LADDERS	25	LF	\$75.00	\$1,875	\$0.24
		TERMINAL BACKBOARDS	192	SF	\$12.00	\$2,304	\$0.29
		WIRELESS ACCESS POINTS	14	EA	\$550.00	\$7,700	\$0.97
		DATA OUTLETS- 2 PORT	28	EA	\$350.00	\$9,800	\$1.24
		DEVICE CONDUIT AND WIRE	5250	LF	\$3.00	\$15,750	\$1.99
		PA/ INTERCOM/ CLOCK/ BELL HEAD END EQUIP.					
		HEAD END EQUIPMENT	1	LOT	\$5,000.00	\$5,000	\$0.63
		SPEAKERS- WP	10	EA	\$550.00	\$5,500	\$0.69
		CLOCK/ SPEAKER COMBO	9	EA	\$1,450.00	\$13,050	\$1.65
		CONDUIT AND WIRE	665	LF	\$10.00	\$6,650	\$0.84
		SECURITY					
		INTRUSION DETECTION TERMINAL CABINET	1	LOT	\$2,500.00	\$2,500	\$0.32
		CCTV CAMERAS- EXTERIOR	4	EA	\$3,500.00	\$14,000	\$1.77
		DOOR CONTACT SWITCHES	14	EA	\$250.00	\$3,500	\$0.44
		MOTION DETECTORS	6	EA	\$400.00	\$2,400	\$0.30
		KEY PAD	4	EA	\$750.00	\$3,000	\$0.38
		CONDUIT AND WIRE	1400	LF	\$10.00	\$14,000	\$1.77
		FIRE ALARM					
		FIRE ALARM CONTROL PANEL	1	EA	\$12,500.00	\$12,500	\$1.58
		ANNUNCIATOR / AMPLIFIER	1	EA	\$5,000.00	\$5,000	\$0.63
		POWER SUPPLY	1	EA	\$2,500.00	\$2,500	\$0.32
		SMOKE DETECTORS	29	EA	\$407.51	\$11,818	\$1.49
		DUCT DETECTOR	2	EA	\$1,150.00	\$2,300	\$0.29
		HEAT DETECTORS	8	EA	\$250.00	\$2,000	\$0.25
		HORNS- WP	6	EA	\$178.45	\$1,071	\$0.14
		HORN/ STROBES	11	EA	\$430.88	\$4,740	\$0.60
		STROBES	6	EA	\$225.80	\$1,355	\$0.17
		SPEAKERS	6	EA	\$450.00	\$2,700	\$0.34
		MANUAL PULL STATIONS	4	EA	\$346.75	\$1,387	\$0.18
		BELL	1	EA	\$285.00	\$285	\$0.04
		TAMPER/ FLOW SWITCHES	2	EA	\$350.00	\$700	\$0.09
		RELAY/ MONITOR MODULES	5	EA	\$350.00	\$1,750	\$0.22
		DEVICE CONDUIT AND WIRE	2,000	LF	\$10.00	\$20,000	\$2.52
1610.0	12.0	SUBTOTAL-ELECTRICAL SYSTEMS	7,922	BLDGSF		\$582,802	\$73.57

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TRADE	SYSTEM	DESCRIPTION	QUAN.	UNIT	UNIT COST	TOTAL	COST/GSF
		BLDG SUBTOTAL				\$5,149,509	\$650.03
		GENERAL CONDITIONS		8.0%		\$411,961	\$52.00
		CONTINGENCY		2.5%		\$139,037	\$17.55
		OVERHEAD & PROFIT		5.0%		\$285,025	\$35.98
		BONDS AND INSURANCE		2.5%		\$149,638	\$18.89
		SUBTOTAL OF MARK UP				\$985,661	\$124.42
		TOTAL MARK UP PERCENTAGE		19.14%			
TODAY'S BLDG COST PER BUILDING						\$6,135,170	\$774.45