

GERALD G. HUESKEN MIDDLE SCHOOL

		Part D	Bids	Difference	
GC	General Construction	\$ 25,717,500	\$ 37,040,000		
	Food Service		\$ 555,000		
	Site Development (GC)	\$ 3,500,000	-included above-		
GC Subtotal		\$ 29,217,500	\$ 37,595,000	\$ 8,377,500	29%
HVAC	HVAC	\$ 8,091,000	\$ 7,597,000		
	Controls		\$ 1,064,000		
HVAC Subtotals		\$ 8,091,000	\$ 8,661,000	\$ 570,000	7%
PC	Plumbing	\$ 2,697,000	\$ 3,132,000		
PC Subtotals		\$ 2,697,000	\$ 3,132,000	\$ 435,000	16%
EC	Electrical	\$ 4,694,500	\$ 4,750,000		
	Site Development (EC)	\$ 250,000	-included above-		
EC Subtotals		\$ 4,944,500	\$ 4,750,000	\$ (194,500)	-4%
TOTAL STRUCTURE COST:		\$ 44,950,000	\$ 54,138,000	\$ 9,188,000	20%
OCIP (Owner Insurance Program)			\$ 1,203,524		
TOTAL W OCIP		\$ 44,950,000	\$ 55,341,524	\$ 10,391,524	23%
+2 MP Turf Fields (in Base Bids)		\$ 3,472,875			
TOTAL ADJUSTED SCOPE TOTALS		\$ 48,422,875	\$ 55,341,524	\$ 6,918,649	14%

GHMS		Part D	Bids	Difference	
TOTAL STRUCTURE COST:	\$	44,950,000	\$	54,138,000	\$ 9,188,000 20%
SUB-TOTAL W OCIP:	\$	44,950,000	\$	55,341,524	\$ 10,391,524 23%
SUB-TOTAL: ALTERNATES + ALLOWANCES:				\$ 10,309,879	23%
SUB-TOTAL: VOLUNTARY COST SAVINGS:				\$ 8,776,450	20%
Service	Estimate	Actual	Difference		
Architect	\$ 2,184,840	\$ 2,184,840			
Site/Civil	\$ 199,795	\$ 199,795			
Owner's Rep	\$ 803,250	\$ 250,572			
PROFESSIONAL FEES:	\$ 3,187,885	\$ 2,635,207	\$	(552,678)	-17%
Geo-Tech	\$ 40,163	\$ 65,995			
Construction Testing	\$ 120,488	\$ 105,576			
Construction Estimating	\$ 64,260	-by Owner's Rep-			
Survey	\$ 41,000	\$ 14,500			
Environmental Testing		\$ 1,335			
Traffic Engineer	\$ 68,276	\$ 24,385			
Well		\$ 4,500			
TEST/SURVEY FEES:	\$ 334,186	\$ 216,291	\$	(117,896)	-35%
Building Permit	\$ 615,250	\$ 615,250			
Land Development		\$ 10,020			
NPDES Permit		\$ 14,300			
Sanitary Sewer	188,000	-in bid value-			
MUNICIPAL FEES:	\$ 803,250	\$ 639,570	\$	(163,680)	-20%
Reimbursable Expenses					
Printing					
Mailing					
Advertisements					
REPRO/ADVERTISEMENTS:	\$ 200,813	\$ 75,791	\$	(125,022)	-62%
FF+E:	\$ 2,811,375	\$ 2,811,375	\$	-	-
Demolition (work complete)		\$ 112,000	\$	112,000	
CONTINGENCY:	\$ 2,008,125	\$ 2,008,125	\$	-	-
SUB-TOTAL: PROJECT COSTS	\$ 54,295,634	\$ 62,636,359	\$	7,929,175	15%
*ACCOUNTING FOR ADDITIONAL SITE SCOPE:		\$ 1,756,810	\$	6,172,365	11.0%

*Costs not in Middle School or District Master Plan Estimates include the following:

Pedestrian Campus Path	\$ 289,500.00
High School Parking at Athletic Fields	\$ 297,310
Connector Road at MS	tbd
Expanded parking area	\$ 400,000
• Paving (+/- 8,000 SY)	
• Earthwork (+/- 5000 CY)	
• SW piping and BMP's	
Additional pedestrian walkway	\$ 250,000
• Paving / gravel (+/- 120,000 SF)	\$ 120,000
• SW piping and BMP's	
Expanded SWM facilities and BMP's	\$ 200,000
• Additional BMP measures and SWM facilities related to water quality / desire NOT to infiltrate	
Extensive perimeter landscaping / screening	\$ 125,000
New and widened driveways at existing MS	\$ 75,000
• Paving, earthwork, SW piping/BMP's	

	\$ 1,756,810	\$ 6,172,365	11.0%
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GHMS

Recommended Bid Alternates Alternates

GC	Bid Alternates:			
	Fluid Applied Membrane at Concrete Deck	\$	(30,000)	\$ (30,000)
	Insulated Fluid Applied Membrane Roofing	\$	(60,000)	\$ (60,000)
	Acoustical Ceiling Tile	\$	116,000	
	Alternate Floor Corridors: terrazzo/rubber	\$	(31,000)	
	Alternate Floor Corridors: LVT	\$	(8,000)	
	District Equipment Storage Shed	\$	275,000	
	Athletic Equipment Storage Shed	\$	33,500	\$ 33,500
	Turf Fields: +2 MP Athletic Fields	\$	879,000	
	Turf Cleaning Equipment	\$	19,700	\$ 19,700
	Resilient Underlayment Base Scope	\$	183,000	\$ 183,000
	Resilient Underlayment Alternate Scope	\$	183,000	
	Bid Allowances:			
	\$	(22,175)	\$ (22,175)	
Sub Total: Suggested Alternates + Allowances				
		\$	124,025	
Extended Difference				
		\$	8,501,525 29%	

HVAC	Bid Alternates:			
	Pipe Connection	\$	(140,000)	\$ (140,000)
	Bid Allowances:			
		\$	(65,670)	\$ (65,670)
Sub Total: Suggested Alternates + Allowances				
		\$	(205,670)	
Extended Difference				
		\$	364,330 5%	

PC	Bid Alternates:			
	District Equipment Storage Shed	\$	8,500	
	Copper Water Piping, Above Grade	\$	(15,000)	
	Bid Allowances:			
	\$	(15,950)		
Sub Total: Suggested Alternates + Allowances				
		\$	-	
Extended Difference				
		\$	435,000 16%	

EC	Bid Alternates:			
	District Equipment Storage Shed	\$	10,000	
	Lighting Control	\$	-	
	Lighting Control	\$	-	
	6A Cabling, Connectors and Equipment	\$	81,000	
	Site Lighting Retrofit	\$	67,000	
	Connectrac Data Cabling	\$	94,000	
	Connectrac Data Cabling	\$	105,000	
	Telecor System	\$	20,000	
	Access Control System	\$	-	
	Access Control System	\$	10,000	
Bid Allowances:				
	\$	(75,660)		
Sub Total: Suggested Alternates + Allowances				
		\$	-	
Extended Difference				
		\$	(194,500) -4%	

TOTAL ALTERNATES + ALLOWANCES:		\$	9,106,355	20%
Difference w OCIP		\$	10,309,879	23%

GHMS

Voluntary Cost Savings	Recommended Savings
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GC	Voluntary Cost Savings:		
	Pedestrian Campus Path Reduction in Width (6' to 5'3")	\$ (4,100)	
	Elimination of Extraneous Portions of Pedestrian Path	\$ (30,075)	\$ (30,075)
	High School Parking Lot Exp. (Removal from Scope)		
	High School Parking Lot Exp. (Grading/Stormwater Prep)*	\$ (47,800)	\$ (47,800)
	Reduce cut, raise site by 1'	\$ (788,000)	\$ (788,000)
	Removal of Rock by Blasting (Site Raised by 1')	\$ (350,000)	
	Removal of Rock by Mech. Means (Site Raised by 1')		
	Fiberglass pumpstation meter vault (Previous \$120,000)	\$ -	\$ -
	Operable Partition VE (Soft Cost Reduction)	\$ (53,000)	\$ (53,000)
	Elimination of Roofing Topcoats & Full Reinforcement (Per Roofing Manuf.)	\$ (40,000)	\$ (40,000)
	<u>Additional Items:</u>		
	Elimination of Extraneous Sidewalk	\$ (15,382)	\$ (15,382)
	Elimination of Sewage Pump Station (GC Costs)	\$ (133,362)	\$ (133,362)
	Stadium Path Converted to Macadam from Conc.	\$ (36,618)	\$ (36,618)
	Elimination of Concrete Scoring Pattern	\$ -	
	Reduction of Pavement Specification (Requires Geotech. Review)	\$ (109,437)	\$ (109,437)
Sub Total: Suggested Voluntary Cost Savings		\$ (1,253,674)	
Extended Difference		\$ 7,123,826	24%
HVAC	Voluntary Cost Savings:		
	Eliminate Duct Leaking Testing	\$ (40,000)	\$ (20,000)
	Eliminate concrete at RTU curbs	\$ (6,000)	
	Standard duct liner in lieu of double wall	\$ (271,000)	\$ (135,500)
	Remove temporary heat requirements	\$ (25,000)	
	Duct wrap insulation in lieu of board in Mech Rms	\$ (130,000)	
	<u>Additional Items:</u>		
	retain board insulation below 6' AFF	\$ (75,000)	\$ (75,000)
	Combination of AHU-11 and AHU-13	\$ (15,000)	\$ (15,000)
	Variety of Control Savings	\$ (19,200)	\$ (19,200)
Sub Total: Suggested Voluntary Cost Savings		\$ (264,700)	
Extended Difference		\$ 305,300	4%
PC	Voluntary Cost Savings:		
	Sprinkler:		
	use schedule 10 in lieu of 40 on 1 1/4" - 2"	\$ (4,000)	
	use schedule 10 in lieu of 40 on > 2 1/2"	\$ (3,500)	
	Above ground soil, waste & vent:		
	standard No-Hub couplings in lieu of heavy duty	\$ (8,400)	
Above ground storm drainage:			
standard No-Hub couplings in lieu of heavy duty	\$ (3,200)		
Sub Total: Suggested Voluntary Cost Savings		\$ -	
Extended Difference		\$ 435,000	16%
EC	Voluntary Cost Savings:		
	Site utility direct boring	\$ (10,000)	\$ (10,000)
	Reduced specification site pole bases	\$ (20,000)	\$ (20,000)
	Alum. feeder conductors in lieu of copper conductors	\$ (30,000)	
	Alt. light fixture package with open control spec.	\$ (80,000)	
	Standard floor boxes in lieu of Connectrac floor system	noted value of \$350,000	
	<u>Additional Items:</u>		
	Elimination of Sewage Pump Station (EC Costs)	\$ (40,000)	\$ (40,000)
	Reduction of cabling to Category 6 (Connection Pts. Only)	\$ (26,700)	\$ (26,700)
	Sub Total: Suggested Voluntary Cost Savings		\$ (96,700)
Extended Difference		\$ (291,200)	-6%
TOTAL VOLUNTARY COST SAVINGS:		\$ 7,572,926	17%
Difference w OCIP		\$ 8,776,450	20%

GHMS		Negotiated Cost Savings	Estimated Re-bid Cost Savings*
CONTRACT	Site as separate prime (Note 1)	N/A	\$ (450,000)
	Roof as separate prime	N/A	\$ (100,000)
	Roof as sep. prime hard cost reductions	N/A	
	Athletic Shed - Co-Stars	N/A	\$ (5,000)
	Turf Field		
	Prime Contract	N/A	
	Co-Stars	N/A	\$ (50,000)
	Roof Scope -		
	Co-Stars	N/A	None
	Hybrid (Co-Star/Material & GC Installs) (Note 2)	N/A	\$ (63,000)
Sub Total: Cost Savings			\$ (668,000)
CIVIL/SITE	Pedestrian Campus Width Reduction	\$ (4,100)	\$ (4,100)
	Elimination of Extraneous Path	\$ (30,075)	\$ (30,075)
	HS Parking Lot Expansion (Removal)		
	HS Parking Lot Expansion (Grading)	\$ (47,800)	\$ (47,800)
	Elimination of Extraneous Sidewalk	\$ (15,382)	\$ (15,382)
	Balance Site (Raise Bldg. 1')	\$ (788,000)	\$ (788,000)
	Allow Blasting	\$ (350,000)	\$ (350,000)
	Mech. Rock Removal		
	Fiberglass pumpstation meter vault	\$ -	\$ -
	Removal of Sewage Pump Station	\$ (133,362)	\$ (133,362)
	Stadium Path Conversion to Macadam	\$ (36,618)	\$ (36,618)
	Elimination of Conc. Scoring Pattern	\$ -	\$ -
	Reduction of Pavement Spec.	\$ (109,437)	\$ (109,437)
	Operable Partition Contract Value Eng.	\$ (53,000)	\$ (53,000)
	Elimination of Roof Topcoats / Full Reinf.	\$ (40,000)	\$ (40,000)
Sub Total: Cost Savings		\$ (1,607,774)	\$ (1,607,774)
MECH.	Eliminate Duct Leaking Testing	\$ (20,000)	\$ (20,000)
	Eliminate Conc. at RTU Curbs	\$ (3,000)	\$ (3,000)
	Standard Duct Liner	\$ (135,000)	\$ (135,000)
	Retain Board Insulation below 6' AFF	\$ (75,000)	\$ (75,000)
	Combination of AHU-11 and AHU-13	\$ (15,000)	\$ (15,000)
	Variety of Control Savings	\$ (19,200)	\$ (19,200)
	Sub Total: Cost Savings		\$ (267,200)
ELEC.	Elimination of Sewage Pump Station	\$ (40,000)	\$ (40,000)
	Reduction of cabling to Category 6	\$ (26,700)	\$ (26,700)
	Site utility direct boring	\$ (10,000)	\$ (10,000)
	Reduced specification site pole bases	\$ (20,000)	\$ (20,000)
	Sub Total: Cost Savings		\$ (96,700)
Total Cost Savings		\$ (1,971,674)	\$ (2,639,674)
Panelization of Exterior/Interior			\$ 887,736
Sub Total			\$ (1,751,938)

Note 1: Range of \$400,000 - \$500,000 provided to architect. Cost savings associated with markup/soft costs only.

Note 2: Number provided by District per previous roof contract work done under state contracts.

*Estimated costs for rebidding are an estimate. Costs received during a rebid could be lower or higher than what is listed.

GHMS		Original Estimate		Bids		Difference	
GC	Possible Alternates	\$ 29,217,500	\$	37,595,000	\$	8,377,500	29%
	Voluntary Cost Savings		\$	124,025	\$		
			\$	(1,253,674)	\$		
	Total:		\$	36,465,351	\$	7,247,851	25%
MECH.	Possible Alternates	\$ 8,091,000	\$	8,661,000	\$	570,000	7%
	Voluntary Cost Savings		\$	(205,670)	\$		
			\$	(264,700)	\$		
	Total:		\$	8,190,630	\$	99,630	1%
PLUMB.	Possible Alternates	\$ 2,697,000	\$	3,132,000	\$	435,000	16%
	Voluntary Cost Savings		\$	-	\$		
			\$	-	\$		
	Total:		\$	3,132,000	\$	435,000	16%
ELEC.	Possible Alternates	\$ 4,944,500	\$	4,750,000	\$	(194,500)	-4%
	Voluntary Cost Savings		\$	-	\$		
			\$	(96,700)	\$		
	Total:		\$	4,653,300	\$	(291,200)	-6%
	Sum Total:	\$ 44,950,000	\$	52,441,281	\$	7,491,281	17%

		Adjusted Estimate		Bids		Difference	
GC	Possible Alternates	\$ 29,217,500	\$	37,595,000	\$	8,377,500	29%
	Voluntary Cost Savings		\$	124,025	\$		
			\$	(1,253,674)	\$		
	Total:		\$	36,465,351	\$	7,247,851	25%
MECH.	Possible Alternates	\$ 8,091,000	\$	8,661,000	\$	570,000	7%
	Voluntary Cost Savings		\$	(205,670)	\$		
			\$	(264,700)	\$		
	Total:		\$	8,190,630	\$	99,630	1%
PLUMB.	Possible Alternates	\$ 2,697,000	\$	3,132,000	\$	435,000	16%
	Voluntary Cost Savings		\$	-	\$		
			\$	-	\$		
	Total:		\$	3,132,000	\$	435,000	16%
ELEC.	Possible Alternates	\$ 4,944,500	\$	4,750,000	\$	(194,500)	-4%
	Voluntary Cost Savings		\$	-	\$		
			\$	(96,700)	\$		
	Total:		\$	4,653,300	\$	(291,200)	-6%
	MP Turf Fields-Base Bid	\$ 3,472,875					
	Additional Civil Scope in Base Bid	\$ 1,756,810					
	Sum Total:	\$ 50,179,685	\$	52,441,281	\$	2,261,596	5%