Estimated Construction & Total Project Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014] High Schools

October 2021 Board Meeting

The information and data contained in this spreadsheet, for construction projects starting January 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

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	Date Board Approved	Oct-12	Oct-13	Jul-13	Jan-14	Jul-14	Jul-14	Jun-15	Jan-16
	District	Greater Lowell	Winchester	Berkshire Hills	North Middlesex ¹	Holbrook	Plymouth	Pittsfield	Billerica
	School Name	Greater Lowell RTHS	Winchester High School	Monument Mountain Regional HS	Regional High School	Holbrook Jr./Sr. High School	Plymouth South High School	Taconic High School	Billerica Memorial HS
	Construction Type	Repair	Add/Reno	Add/Reno	New	New	New	New	New
	Enrollment	1,990	1,370	570	870	1,095	1,005	920	1,610
	GSF	505,766	309,142	137,380	180,530	217,353	248.081	246,520	325,191
	Assumed Start of Construction	Mar-14	Jun-14	Nov-14	May-15	Nov-15	Jun-15	Jan-16	Feb-17
	ОРМ	Joslin, Lesser & Associates, Inc.	Skanska USA Building, Inc.	Strategic Building Solutions, LLC	Heery International, Inc.	SMMA	Ted Gentry Associates	Skanska	KV Associates, Inc.
	Designer	KBA Architects	Symmes Maini & McKee Associates	SMMA	Symmes Maini & McKee Associates	Flansburg Associates	Ai3 Architects LLC	Drummy Rosanne Anderson, Inc.	Perkins+Will
	Cost Estimator	Atlantic Construction & Management	AM Fogarty, Inc.	PM&C	A.M. Fogarty, Inc.	PM&C	PM&C	Gilbane	PM&C
Division #	Description of Work					Total			
A	Substructure	\$583,645	\$2,250,990	\$1,065,264	\$3,560,992	\$2,531,769	\$3,993,470	\$2,491,962	\$3,519,889
B	Shell	\$10,186,500	\$19,046,044	\$7,189,937	\$14,024,734	\$16,057,582	\$19,439,662	\$18,777,964	\$29,602,363
B10	Superstructure 5-14-14-14-14-14-14-14-14-14-14-14-14-14-	\$703,420	\$3,689,083	\$1,238,330	\$5,055,274	\$6,504,027	\$8,662,654	\$8,465,685	\$12,929,882
B20	Exterior Enclosure	\$4,394,050 \$1,882,165	\$12,445,753 \$0.665.014	\$1,784,661	\$5,882,134	\$7,147,168	\$8,768,249	\$7,715,637	\$14,082,289
\vdash	B2010 Exterior Walls B2020 Exterior Windows	\$1,882,165 \$2,239,285	\$8,665,814 \$3,595,529	\$276,948 \$1,350,617	\$3,966,375 \$1,728,357	\$5,023,603 \$2,025,365	\$5,862,988 \$2,581,898	\$6,373,942 \$1,183,935	\$8,625,095 \$5,323,374
	B2030 Exterior Doors	\$2,239,265	\$3,595,529 \$184,410	\$1,350,617	\$1,720,337	\$2,025,365	\$323,363	\$1,163,935	\$133,820
B30	Roofing	\$5,089,030	\$2,911,208	\$4,166,946	\$3,087,326	\$2,406,387	\$2,008,759	\$2,596,642	\$2,590,192
	Interiors	\$4,530,640	\$13,429,636	\$5,063,669	\$8,987,130	\$10,410,725	\$12,961,512	\$12,416,341	\$16,793,857
D	Services	\$19,286,748	\$25,929,654	\$11,339,242	\$14,568,287	\$19,130,764	\$22,000,045	\$23,297,917	\$29,610,267
D10	Conveying	\$15,000	\$240,000	\$51,800	\$78,843	\$182,300	\$213,150	\$295,000	\$327,000
D20	Plumbing	\$1,600,685	\$3,869,317	\$1,490,841	\$1,923,161	\$3,017,750	\$3,097,714	\$3,085,466	\$4,310,240
D30	HVAC	\$8,830,788	\$13,068,172	\$5,076,014	\$6,819,124	\$8,365,590	\$7,993,730	\$9,000,522	\$11,597,500
D40	Fire Protection	\$2,286,604	\$1,453,858	\$601,605	\$768,616	\$814,450	\$1,069,800	\$1,305,931	\$1,622,980
D50	Electrical Utilities	\$6,553,671	\$7,298,307	\$4,118,982	\$4,978,543	\$6,750,674	\$9,625,651	\$9,610,998	\$11,752,547
E	Furnishings & Fixed Equipment	\$2,026,320	\$3,206,606	\$1,966,965	\$3,081,919	\$2,480,265	\$2,217,620	\$3,029,004	\$5,872,590
	Building Value Engineering							***	
_	Building Subtotal	\$36,613,853	\$63,862,930	\$26,625,077 \$1,547,513	\$44,223,062 \$3,326,174	\$50,611,105	\$60,612,309 \$1,949,100	\$60,013,188	\$85,398,966
C	Special Construction & Demo Other Site Construction	\$2,963,289 \$1,198,558	\$5,223,227 \$7,033,731	\$1,547,513	\$3,326,174 \$6,640,382	\$1,583,140 \$8,212,630	\$1,949,100	\$3,257,268 \$8,293,358	\$7,045,280 \$13,223,137
G10	Site Preparation	\$135,812	\$2,548,718	\$375,400	\$1,730,917	\$1,282,844	\$1,913,708	\$2,923,933	\$2,322,677
G20	Site Improvements	\$603,340	\$3,368,554	\$1,085,800	\$2,702,201	\$4,258,749	\$4,559,260	\$3,258,432	\$7,501,210
G30	Mechanical Utilities	\$413,406	\$764,845	\$512,300	\$1,881,170	\$2,042,057	\$1,575,718	\$1,469,335	\$1,729,100
G40	Electrical Utilities	\$46,000	\$351,614	\$475,200	\$326,094	\$628,980	\$272,000	\$641,658	\$1,670,150
	Other Site Construction		***		\$43,798			\$50,000	* * * * * * * * * * * * * * * * * * * *
	Subtotal	\$40,775,700	\$76,119,888	\$30,621,290	\$54,233,416	\$60,406,875	\$70,882,095	\$71,613,814	\$105,667,383
Z	Mark-Ups	\$9,872,520	\$21,035,587	\$8,607,400	\$12,581,367	\$15,779,664	\$10,207,021	\$19,764,068	\$28,766,422
Z	Insurance	\$1,419,606	\$1,640,376		\$583,735	\$1,155,422	\$354,410	\$1,171,170	\$12,435,144
Z	Subcontractor Bond	\$300,000	-	\$682,000	\$554,510	-	\$637,939	\$715,787	-
Z	Design & Pricing Contingency	\$4,577,111	\$8,575,064	\$3,441,000	\$6,105,889	\$5,783,066	\$3,544,105	\$8,325,257	\$10,566,738
Z	General Conditions	\$2,242,664	\$3,510,000	\$3,788,800	\$4,140,000	\$3,840,000	\$3,898,515	\$5,783,556	****
Z	Overhead & Profit / GMP Fee	\$1,333,139	\$4,480,376	\$695,600	\$1,197,233	\$2,832,526	\$1,772,052	\$1,981,229	\$3,064,354
Z	GMP Contingency	\$50,648,220	\$2,829,771 \$97,155,475	\$39,228,690	\$66,814,783	\$2,168,650 \$76,186,539	\$81,089,116	\$1,787,069 \$91,377,882	\$2,700,186 \$134,433,805
	Project Scope Adjustments	\$50,648,220	\$91,155,475	\$39,228,69U	\$00,814,783	\$76,186,539	\$01,089,116	\$91,3/7,88Z	\$134,433,8UD
7	Escalation to Construction Mid-Point	\$2,517,411	\$3,780,135	\$2,341,300	\$2,014,943	93,040,701	\$2,675,943	\$6,379,491	\$6,340,043
	Total Construction Cost	\$53,165,631	\$100,935,610	\$41,569,990	\$68,829,726	\$79,835,240	\$83,765,059	\$97,757,373	\$140,773,848
	Cost per Square Foot	\$105	\$327	\$303	\$381	\$367	\$338	\$397	\$433
Bid Alternate	s		\$183,012			\$404,800	\$4,398,483	\$495,000	
	struction Services		\$500,000			\$600,000	ψ.,550, 4 03	\$250,000	\$250,000
	Contingency	\$2,658,282	\$5,055,931	\$3,139,000	\$3,458,986	\$4,012,002	\$4,188,253	\$3,484,613	\$7,150,111
Designer		\$5,685,298	\$10,848,500	\$4,950,000	\$7,893,000	\$9,135,000	\$7,706,049	\$10,230,985	\$15,085,710
	Professional services	\$1,926,000	\$3,642,500	\$2,520,650	\$4,096,860	\$3,125,756	\$3,030,333	\$3,537,370	\$5,004,648
FF&E/IT		\$1,000,000	\$4,932,000	\$1,468,000	\$3,132,000	\$3,942,000	\$3,741,000	\$4,098,050	\$5,071,500
Legal Fees			\$100,000	\$15,000	\$21,000	\$120,000	\$150,000	\$30,000	\$100,000
Other Soft C		\$275,000	\$3,220,000	\$505,000	\$961,608	\$990,000	\$270,000	\$250,000	\$1,250,000
Owner's Con		\$600,000	\$505,593	\$1,500,000	\$691,797	\$802,400	\$550,823	\$1,161,538	\$1,311,472
	Total Project Budget ***	\$65,310,211	\$129,923,146	\$55,667,640	\$89,084,977	\$102,967,198	\$107,800,000	\$121,294,929	\$175,997,289
Bid Alternate			\$183,012			\$404,800	\$4,398,483	\$495,000	\$0
	sts & Contingency			\$3,831,650	\$2,770,689	\$3,213,650	\$3,565,602	\$2,507,039	\$5,930,038
Scope Exclu	sions	\$125,000	\$26,074,548		\$19,883,308	\$18,689,894	\$12,019,699	\$25,539,786	\$40,644,736
	Basis for Total Facilities Grant	\$65,185,211	\$103,665,586	\$51,835,990	\$66,430,980	\$80,658,854	\$87,816,216	\$92,753,104	\$129,422,515
	Reimbursement Rate	76.84%	42.92%	48.52%	60.63%	69.12%	53.37%	80.00%	56.99%
	Maximum Facilities Grant	\$50,088,316	\$44,493,270	\$25,150,823	\$40,210,027	\$55,751,400	\$46,867,514	\$74,202,483	\$73,757,891
	maximum racinues Grant		he Maximum Facilities Grant reflects		\$40,Z10,UZ1	φ33,r31,400	φ 4 υ,υ07,314	\$14,20Z,403	913,131,031

^{1 -} North Middlesex Regional HS - The Maximum Facilities Grant reflects the recovery of \$67,076.

Page 1 of 4 Published 12/17/2021

^{***} Total Project Budget Value includes the cost of Alternates.

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		Date Board Approved	Jan-16	May-16	Feb-17	Jun-17	Aug-17	Oct-17	Dec-17	Dec-17
		District	Minuteman Regional	Stoughton	Somerville	Saugus ²	Cape Cod ³	Middleborough ⁴	Worcester ⁵	Boston ⁶
		School Name	Minuteman Regional Vocational Technical HS	Stoughton High School	Somerville High School	Saugus High School	Cape Cod Regional Technical HS	Middleborough HS	South High Community	Boston Arts Academy
		Construction Type	New	New	New	New	New	New	New	New
		Enrollment	628	1,065	1,590	1,360	650	720	1,420	500
		GSF	257,745	214,600	369,496	269,070	220,880	166,650	359,994	153,476
		Assumed Start of Construction	Aug-17	Jul-17	Jan-18	Feb-18	Dec-20	Dec-17	Oct-18	Sep-18
		ОРМ	Skanska	Compass Project Management	PMA	PMA	Colliers International	Compass Project Management, Inc.	HEERY	PMA Construction Services
		Designer	Kaestle Boos Associate, Inc.	Drummey Rosanne Anderson, Inc.	SMMA	нмғн	Drummey Rosane Anderson, Inc.	Drummey Rosane Anderson, Inc.	Lamoureux Pagano & Associates, Inc.	Perkins Eastman/DPC
		Cost Estimator	PM&C	PM&C	PM&C	PM&C	Rider Levett Bucknall	Miyakoda Consulting	A.M. Fogarty & Assoc., Inc.	PM&C
Division #		Description of Work				Total	Cost			
Α	Substructure		\$6,018,571	\$2,960,617	\$6,035,997	\$4,691,092	\$5,278,100	\$4,198,828	\$7,779,638	\$5,999,65
В	Shell		\$20,391,786		\$35,855,220	\$23,089,994	\$20,993,600	\$14,745,626	\$31,355,727	\$21,370,653
B10		Superstructure	\$8,674,815	\$7,774,475	\$12,519,992	\$10,938,078	\$7,838,500	\$6,146,235	\$13,537,973	\$9,050,697
B20	DOOAO	Exterior Enclosure	\$8,246,516	\$8,312,029	\$17,722,553	\$9,414,509	\$10,281,100	\$6,521,892	\$14,292,278	\$10,492,688
	B2010	Exterior Walls	\$8,246,516		\$12,835,308	\$5,639,966	\$5,092,100	\$4,507,560	\$9,937,200	\$5,325,29
_	B2020 B2030	Exterior Windows Exterior Doors		\$2,245,709 \$114,112	\$4,681,245 \$206,000	\$3,632,103 \$142,440	\$4,863,200 \$325,800	\$1,850,400 \$163,932	\$4,168,568 \$186,510	\$5,048,70- \$118,689
B30	B2030	Roofing	\$3,470,455		\$5,612,675	\$2,737,407	\$2,874,000	\$2,077,499	\$3,525,476	\$1,827,26
C	Interiors	Ttoomig	\$13,748,466		\$21,475,775	\$18,632,387	\$13,308,500	\$10,815,632	\$22,311,169	\$13,817,94
D	Services		\$25,631,184		\$43,459,701	\$26,094,271	\$22,861,600	\$16,602,130	\$36,897,131	\$19,195,122
D10	COLLICOR	Conveying	\$365.350		\$740,000	\$350,000	\$225,000	\$310,525	\$377,074	\$626,800
D20		Plumbing	\$3,556,828		\$5,971,978	\$3,551,465	\$3,309,000	\$2,055,770	\$4,923,262	\$2,794,847
D30		HVAC	\$11,305,292		\$18,949,221	\$11,402,776	\$9,562,500	\$6,365,693	\$14,007,717	\$8,064,262
D40		Fire Protection	\$1,238,678	\$1,021,835	\$2,755,200	\$987,025	\$1,088,100	\$992,625	\$1,529,975	\$895,038
D50		Electrical Utilities	\$9,165,036	\$7,277,780	\$15,043,302	\$9,803,005	\$8,677,000	\$6,877,517	\$16,059,103	\$6,814,175
E	Furnishings 8	Fixed Equipment	\$5,883,466	\$2,525,388	\$4,739,258	\$4,613,668	\$2,697,200	\$4,179,673	\$6,668,705	\$4,065,020
		e Engineering								
	Building Sub		\$71,673,473		\$111,565,951	\$77,121,412	\$65,139,000	\$50,541,889	\$105,012,370	\$64,448,394
F		truction & Demo	\$3,209,008		\$10,536,145	\$5,160,025	\$2,513,900	\$2,969,000	\$4,298,200	\$2,554,140
G	Other Site Co		\$8,784,416		\$21,944,804	\$13,337,293	\$9,237,900	\$11,160,446	\$20,575,764	\$1,379,290
G10 G20		Site Preparation Site Improvements	\$2,457,415 \$3,622,404		\$6,434,250 \$12,818,914	\$1,537,045	\$2,043,000 \$4,512,500	\$1,779,286 \$6,580,306	\$6,911,203 \$8,917,481	\$295,958
G30		Mechanical Utilities	\$1,323,597		\$1,856,668	\$8,984,703 \$1,933,225	\$2,356,100	\$1,881,104	\$3,141,045	\$608,502 \$302,080
G40		Electrical Utilities	\$1,381,000		\$834,972	\$882,320	\$326,300	\$919,750	\$1,606,035	\$172,750
G40	Other Site Co		\$1,381,000	\$1,129,090	\$034,972	\$602,320	\$020,300		\$1,000,033	\$172,75
	Subtotal	instruction	\$83,666,897	\$70,310,300	\$144,046,900	\$95,618,730	\$76,890,800	\$64,671,335	\$129,886,334	\$68,381,824
7	Mark-Ups		\$26,840,326		\$38,483,421	\$27,285,689	\$21,125,900	\$15,090,574	\$33,496,327	\$22,466,34
7	man ope	Insurance	\$1,572,592		\$2,373,693	\$2,650,551	\$1,473,400	\$763,536	\$2,246,382	\$1,168,050
Z		Subcontractor Bond	\$1,139,006		\$3,484,770	+=,000,001	\$842,000	\$501,261	\$1,402,468	\$801,03
Z		Design & Pricing Contingency	\$8,366,689		\$11,567,703	\$10,039,967	\$8,910,600	\$6,170,233	\$11,689,770	\$6,838,183
Z		General Conditions	\$9,004,650	\$7,619,380	\$14,288,470	\$5,760,000	\$4,613,400	\$5,326,993	\$9,694,298	\$8,655,546
Z		Overhead & Profit / GMP Fee	\$3,485,700	\$2,579,380	\$3,645,505	\$5,521,982	\$5,286,500	\$2,328,551	\$4,216,126	\$2,274,332
Z		GMP Contingency	\$3,271,689		\$3,123,280	\$3,313,189	\$0	\$0	\$4,247,283	\$2,729,198
	Construction		\$110,507,223	\$91,596,427	\$182,530,321	\$122,904,419	\$98,016,700	\$79,761,909	\$163,382,661	\$90,848,170
7	Project Scope	Adjustments Construction Mid-Point	\$8,693,669	\$5,632,303	\$16,521,389	\$4,780,937	\$6,207,100	\$3,007,989	\$9,478,520	\$5,128,637
2					\$199,051,710			\$3,007,989		
	Total Constr Cost per Squ	Jare Foot	\$119,200,892 \$462	\$97,228,730 \$453	\$199,051,710 \$539	\$127,685,356 \$475	\$104,223,800 \$472	\$82,769,898 \$497	\$172,861,181 \$480	\$95,976,807 \$625
Did Mr								1		
Bid Alternate			\$6,516,200 \$420,000		\$0 \$696,198	\$0 \$400,000	\$0 \$0		\$0 \$250,000	\$0,000 \$500,000
	Struction Servi	ues	\$420,000 \$5,000,000		\$696,198 \$12,764,470	\$400,000 \$7.046.121	\$3,126,700	\$0 \$4,138,495	\$250,000 \$8.643.059	\$500,000 \$6.718.376
Designer	Contingency		\$5,000,000 \$11,393,800		\$12,764,470 \$22,805,171	\$7,046,121 \$13,708,536	\$3,126,700 \$11,050,549	\$4,138,495 \$9,202,200	\$8,643,059 \$15,157,794	\$6,718,376 \$11,723,293
	Professional	eanticae	\$11,393,800		\$22,805,171 \$10,096,956	\$13,708,536 \$5,286,306	\$11,050,549	\$9,202,200 \$3,059,119	\$15,157,794 \$4,467,802	\$11,723,293
FF&E/IT	. IOIOJOIUIIdi		\$1,507,200		\$5,096,000	\$4,896,000	\$3,737,632	\$2,543,040	\$4,467,802 \$5,680,000	\$2,200,000
Legal Fees			\$1,507,200		\$5,096,000	\$4,896,000	\$3,306,500	\$2,545,040	\$50,000	\$100,000
Other Soft C	osts		\$2,035,396		\$3,790,000	\$705,000	\$743,800	\$516,000	\$730,000	\$2,855,00
Owner's Cor			\$1,192,009		\$1,672,199	\$968,234	\$1,873,700	\$413,849	\$2,131,404	\$767,81
0 001		roject Budget ***	\$151,438,680	\$123,540,688	\$255,982,704	\$160,720,553	\$128,062,881	\$103,475,101	\$209,971,240	\$124,755,412
Bid Alternate		, ,	\$6,516,200		\$0	\$0	\$0		\$0	\$1
	sts & Continge	ency	\$3,807,991	\$3,066,161	\$8,783,436	\$7,509,936	\$2,158,241	\$3,315,374	\$6,914,447	\$5,758,600
Scope Exclu		•	\$40,095,359	\$34,324,555	\$82,551,497	\$39,159,674	\$32,207,304	\$29,504,859	\$58,592,691	\$49,491,81
	Basis for T	otal Facilities Grant	\$101,019,130	\$86,149,972	\$164,647,771	\$114,050,943	\$93,697,336	\$70,654,868	\$144,464,102	\$69,504,988
	Reimi	oursement Rate	44.75%	60.66%	75.29%	57.72%	45.45%	61.29%	80.00%	70.36%
	Maximu	m Facilities Grant	\$45,206,061	\$52,258,573	\$123,963,307	\$65,830,204	\$42,585,439	\$43,304,369	\$115,571,282	\$48,903,710
			¥ ·-,,	2 - Saugus High School - The Maxim			Ţ ·=,, ·		cilities Grant reflects the recovery of S	

- 2 Saugus High School The Maximum Facilities Grant reflects the recovery of \$1,740,669.
- 3 Cape Cod RTHS- The Maximum Facilities Grant reflects the recovery of \$73,779.
- 4 Middleborough High School The Maximum Facilities Grant reflects the recovery of \$4,578.
- 5 Worcester Max. Facilities Grant reflects the recovery of \$13,593.
- 6 Boston Max. Facilities Grant reflects the recovery of \$13,090.

7 - Attleboro HS - The Maximum Facilities Grant reflects the recovery of \$1,215,489.

*** Total Project Budget Value includes the cost of Alternates.

Page 2 of 4 Published 12/17/2021

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The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

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		Date Board Approved	Feb-18	Feb-18	Jun-18	Aug-18	Apr-19	Apr-19	Apr-19	Oct-19
		District	Attleboro ⁷	Fall River ⁸	Bristol County	Belmont ⁹	Arlington ¹⁰	Central Berkshire ¹¹	Lowell ¹²	Sharon ¹³
		School Name	Attleboro HS	BMC Durfee HS	Bristol County Agr. HS	Belmont HS	Arlington HS	Wahconah Regional HS	Lowell HS	Sharon HS
		Construction Type	New	New	Add/Reno	Add/Reno	New	New	Add/Reno	New
		Enrollment	1,725	2,570	640	2,215	1,755	460	3,520	1,250
		GSF	476,425	501,330	196,151	445,100	408,590	122,760	622,777	240,204
		Assumed Start of Construction	May-19	Oct-18	Dec-19	Jun-19	Jul-20	Mar-20	Jul-21	Dec-20
		ОРМ	Skanska	Leftfield	Colliers International	Daedalus Projects, Inc.	Skanska	Skanska	Skanska	РМА
		Designer	Kaestle Boos Associates	Ai3	НМЕН	Perkins + Will	нмғн	Drummey Rosane Anderson	Perkins Eastman	Tappe Associates
		Cost Estimator	PM&C	PM&C	PM&C	PM&C	PM&C	Ellana	PM&C	PM&C
Division #		Description of Work				•			•	
A	Substructure		\$7,491,254	\$10,040,225	\$2,717,300	\$12,811,842	\$13,474,721	\$2,187,846	\$8,821,761	\$5,558,180
B B10	Shell	Superstructure	\$42,865,549 \$19,192,257	\$40,325,500 \$15,066,451	\$17,646,800 \$4,976,500	\$45,255,237 \$19,448,977	\$47,397,378 \$21,791,712	\$13,238,981 \$4,921,782	\$43,205,592 \$16,763,727	\$24,653,902 \$10,467,052
B10 B20		Exterior Enclosure	\$19,192,257 \$17,912,962	\$20,698,812	\$4,976,500	\$19,448,977	\$21,791,712	\$4,921,782 \$6,567,161	\$16,763,727	\$10,467,052
520	B2010	Exterior Walls	\$10,363,543	\$20,698,812	\$6,100,000	\$14,962,904	\$13,176,119	\$6,567,161	\$10,053,749	\$6,443,745
	B2020	Exterior Walls Exterior Windows	\$7,258,819	\$20,090,812	\$2,761,000	\$6,851,259	\$7,543,582	\$0,307,101	\$11,262,654	\$3,205,499
	B2030	Exterior Doors	\$290,600	\$0	\$446,500	\$203,770	\$297,932	\$0	\$439,272	\$201,240
B30		Roofing	\$5,760,330	\$4,560,237	\$3,362,800	\$3,788,327	\$4,588,033	\$1,750,038	\$4,686,190	\$4,336,366
С	Interiors		\$25,504,031	\$31,331,576	\$9,130,700	\$30,971,091	\$30,023,786	\$8,304,518	\$38,191,310	\$18,171,110
D	Services		\$50,329,674	\$49,815,273	\$19,421,500	\$53,904,660	\$49,299,133	\$14,341,661	\$67,085,379	\$26,691,340
D10		Conveying	\$320,000	\$394,300	\$814,600	\$407,000	\$615,000	\$130,000	\$1,305,000	\$246,200
D20		Plumbing	\$6,729,300	\$6,886,573	\$2,440,500	\$6,636,640	\$6,656,440	\$1,781,270	\$9,392,145	\$4,309,842
D30		HVAC	\$19,959,264	\$19,130,818	\$8,420,500	\$25,050,557	\$25,607,633	\$5,806,998	\$31,917,803	\$11,343,145
D40		Fire Protection	\$2,027,300	\$2,193,247	\$825,700	\$2,008,225	\$2,042,950	\$597,485	\$3,255,044	\$1,240,344
D50	Franciski sas 0	Electrical Utilities	\$21,293,810 \$8,792,157	\$21,210,335	\$6,920,200 \$2,316,100	\$19,802,238	\$14,377,110	\$6,025,908	\$21,215,387	\$9,551,809
E		k Fixed Equipment e Engineering	\$8,792,157	\$7,241,448 \$0	\$2,316,100	\$8,328,615	\$5,844,282	\$2,378,322	\$10,307,430	\$4,666,686
	Building Sub	ototal	\$134,982,665	\$138,754,022	\$51,232,400	\$151,271,445	\$146,039,300	\$40,451,328	\$167,611,472	\$79,741,218
F	Special Cons	truction & Demo	\$7,856,000	\$7,445,625	\$2,008,200	\$9,936,375	\$7,414,100	\$1,150,000	\$20,673,185	\$2,962,560
G	Other Site Co		\$15,707,685	\$17,080,054	\$8,426,700	\$14,350,958	\$18,625,642	\$4,759,272	\$7,003,247	\$11,471,383
G10		Site Preparation	\$2,861,393	\$3,116,961	\$1,095,400	\$1,991,873	\$5,704,532	\$1,387,025	\$1,533,100	\$2,012,996
G20		Site Improvements	\$12,846,292	\$8,783,373	\$4,446,300	\$9,290,810	\$8,712,200	\$2,242,366	\$3,726,267	\$7,174,047
G30		Mechanical Utilities	\$0	\$4,346,370	\$1,509,300	\$1,455,400	\$1,548,710	\$904,977	\$601,120	\$1,619,840
G40	0.1 0 0	Electrical Utilities	\$0	\$833,350	\$1,375,700	\$1,612,875	\$2,660,200	\$224,904	\$1,142,760	\$664,500
	Other Site Co	enstruction	\$0 \$158,546,350	\$0	\$264,700 \$61,932,000	\$175,558,778	\$172,079,042	\$46,360,600	\$195,287,904	\$1,268,597 \$95,443,75 8
7	Mark-Ups		\$158,546,350 \$46,940,391	\$163,279,701 \$41,847,362	\$61,932,000 \$18,468,600	\$175,558,778 \$49,815,631	\$172,079,042 \$47,720,671	\$10,926,931	\$195,287,904 \$59,558,263	\$95,443,758 \$26,530,645
7	Iviai k-Ops	Insurance	\$2,653,742	\$4,019,538	\$1,071,300	\$3,910,468	\$2,214,657	\$560,366	\$4,023,086	\$1,958,506
7		Subcontractor Bond	\$2,369,412	\$0	\$761,200	\$5,510,400	\$1,509,994	\$840,549	ψ4,023,000	\$979,253
Z		Design & Pricing Contingency	\$15,631,941	\$16,327,970	\$6,356,300	\$14,946,558	\$13,766,323	\$3,255,742	\$18,351,399	\$9,544,376
Z		General Conditions	\$8,640,000	\$0	\$6,851,200	\$22,471,465	\$18,493,299	\$3,674,337	\$23,698,563	\$9,152,235
Z		Overhead & Profit / GMP Fee	\$12,432,589	\$18,695,525	\$2,030,200	\$4,451,569	\$5,029,885	\$1,351,778	\$6,129,643	\$2,720,157
Z		GMP Contingency	\$5,212,707	\$2,804,329	\$1,398,400	\$4,035,571	\$6,706,513	\$1,244,159	\$7,355,572	\$2,176,118
	Construction	1 Oubtotui	\$205,486,741 \$17,601,571	\$205,127,063 \$5,364,060	\$80,400,600	\$225,374,409	\$219,799,713	\$57,287,531	\$254,846,167	\$121,974,403
7	Escalation to	e Adjustments Construction Mid-Point	\$17,001,571	\$5,364,960 \$7,347,587	\$3,553,300	\$11,273,198	\$15,487,114	\$2,297,501	\$15,598,689	\$3,817,750
	Total Constr		\$223,088,312	\$217,839,610	\$83,953,900	\$236,647,607	\$235,286,827	\$59,585,032	\$270,444,856	\$125,792,153
	Cost per Squ		\$468	\$435	\$428	\$532	\$576	\$485	\$434	\$524
Bid Alternate	es		\$0	\$0	\$0	\$0			Ī	
	struction Servi	ces	\$350,000	\$270,000	\$100,000	\$446,582	\$500,000	\$200,000	\$800,000	\$450,000
	Contingency		\$2,230,883	\$6,321,740	\$2,520,000	\$14,200,000	\$7,075,741	\$2,103,058	\$18,930,780	\$6,319,608
Designer			\$20,078,000	\$22,095,355	\$8,803,000	\$22,731,000	\$25,010,919	\$6,120,000	\$28,656,356	\$13,620,320
	r Professional :	services	\$7,710,985	\$7,485,500	\$3,309,430	\$7,746,000	\$7,837,328	\$2,095,000	\$9,488,726	\$5,022,725
FF&E/IT			\$4,140,000	\$6,168,000	\$3,298,090	\$7,088,000	\$8,073,000	\$1,497,000	\$10,934,775	\$4,500,000
Legal Fees			\$0	\$20,000	\$20,000	\$100,000	\$100,000	\$20,000	\$0	\$25,000
Other Soft C			\$1,150,000	\$1,150,000	\$485,580	\$4,200,000	\$4,198,198	\$400,000	\$2,090,912	\$805,000
Owner's Cor		reject Dudget ***	\$1,170,000	\$2,143,920 \$263,494,125	\$1,260,000	\$2,000,000	\$2,769,807	\$701,019	\$2,052,815	\$6,465,194
Diel Altere		roject Budget ***	\$259,918,180		\$103,750,000	\$295,159,189	\$290,851,820	\$72,721,109	\$343,399,220	\$163,000,000
Bid Alternate		nnov.	\$0 \$1,215,489	\$0 \$2,636,613	\$0 \$840,922	\$9,467,048	\$4,722,873	\$1,507,208	\$13,521,883	\$5,061,686
Scope Exclu	sts & Continge	яюу	\$1,215,489 \$68,232,148	\$2,636,613	\$840,922 \$18,647,856	\$9,467,048 \$87,237,872	\$4,722,873 \$113,056,080	\$1,507,208 \$18,533,959	\$13,521,883 \$59,875,030	\$5,061,686
COOPE EXCIO										
		Total Facilities Grant	\$190,470,543	\$213,024,753	\$84,261,222	\$198,454,269	\$173,072,867	\$52,679,942	\$270,002,307	\$111,369,864
		bursement Rate	66.65%	80.00%	63.24%	40.66%	49.72%	59.44%	80.00%	48.95%
	Maximu	m Facilities Grant	\$126,948,617	\$170,419,802	\$53,286,797	\$80,691,505	\$86,051,829	\$31,312,958	\$216,001,846	\$54,515,548
				8 - Fall Piver Durfee BMC HS- The M	aximum Facilities Grant reflects the	recovery of \$671 665		14 - Nauset Pegional HS - The Maxim	um Facilities Grant reflects the recover	of -\$388 430

- 8 Fall River Durfee BMC HS- The Maximum Facilities Grant reflects the recovery of \$671,665.
- 9 Belmont HS The Maximum Facilities Grant reflects the recovery of \$47,227.
- 10 Arlington HS The Maximum Facilities Grant reflects the recovery of \$32,184.
- 11 Wahcnonah Regional HS The Maximum Facilities Grant reflects the recovery of \$1,431.
- 12 Lowell HS The Maximum Facilities Grant reflects the recovery of \$9,440.
 13 Sharon HS The Maximum Facilities Grant reflects the recovery of \$692,543

- 14 Nauset Regional HS The Maximum Facilities Grant reflects the recovery of -\$388,439.
- 15 Waltham HS The Maximum Facilities Grant reflects the recovery of \$9,234.
- 16 Worcester Doherty HS The Maximum Facilities Grant reflects the recovery of -\$45,875.

Page 3 of 4 Published 12/17/2021

Estimated Construction & Total Project Cost Data at Schematic Design [ON OR AFTER JANUARY 1, 2014] High Schools

October 2021 Board Meeting

The information and data contained in this spreadsheet, for construction projects starting January 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

		ting			exclusions but all costs identified are su					
		Date Board Approved	Feb-20	Feb-20	Aug-20	Aug-21	Aug-21	Aug-21	Oct-21	
		District	Nauset ¹⁴	Waltham ¹⁵	Worcester ¹⁶	Boston ¹⁷	Northeast Metro ¹⁸	Stoneham ¹⁹	Bristol Plymouth ²⁰	
		School Name	Nauset Regional HS	Waltham HS	Doherty Memorial HS	William E. Carter School	Northeast Metro RVHS	Stoneham HS	Bristol Plymouth RTHS	TOTAL
		Construction Type	Add/Reno	New	New	New	New	New	New	ALL
		Enrollment	905	1,830	1,670	60	1,600	695	1,434	HIGH
		GSF	214,250	414,854	421,858	86,130	386,630	207,077	419,765	HIGH
		Assumed Start of Construction	Apr-22	Sep-20	Jun-21	Sep-22	Aug-22	Jun-22	Apr-23	SCHOOLS
		ОРМ	CHA Consulting	Leftfield	Tishman	Hill International	PMA	SMMA	PMA	
		Designer	Flansburgh Associates	Symmes Maini & Mckee Associates	Lamoureux Pagano Associates	Perkins + Will	DRA	Perkins + Will	НМЕН	
		Cost Estimator	PM&C	PM&C	A.M. Fogarty	PM&C	RLB	PM&C	PM&C	
Division #		Description of Work	Total Cost			*	*			
A	Substructure Shell	e	\$1,914,674	\$13,575,890 \$46,763,070	\$10,411,315	\$3,659,964	\$7,102,544 \$47,049,999	\$6,330,206 \$24,343,489	\$11,152,355 \$47,707,796	\$180,210,552 \$842,364,594
B10	SHEII	Superstructure	\$19,423,654 \$5,548,289	\$46,763,979 \$16,961,758	\$42,776,922 \$17,422,452	\$18,832,463 \$5,708,941	\$47,049,999 \$22,922,963	\$24,343,489 \$10,835,255	\$47,707,785 \$19,498,083	\$842,364,594 \$335,255,319
B20		Exterior Enclosure	\$11,998,628	\$24,924,453	\$20,768,534	\$10,005,322	\$18,244,496	\$10,404,191	\$21,554,813	\$394,532,103
	B2010	Exterior Walls	\$0	\$16,444,485	\$13,885,789	\$7,640,691	\$17,286,796	\$6,895,962	\$13,578,834	\$262,311,673
	B2020	Exterior Windows	\$0	\$8,194,385	\$6,674,954	\$2,127,555	\$79,800	\$3,273,694	\$7,347,659	\$113,099,149
L	B2030	Exterior Doors	\$0	\$285,583	\$207,791	\$237,076	\$877,900	\$234,535	\$628,320	\$7,122,653
B30	lated on	Roofing	\$1,876,737	\$4,877,768	\$4,585,936	\$3,118,200	\$5,882,540	\$3,104,043	\$6,654,889	\$112,577,172
0	Interiors Services		\$14,968,687 \$27,366,156	\$34,596,365 \$51,359,205	\$31,840,046 \$50,420,771	\$8,503,031 \$11,660,806	\$27,712,012 \$49,488,001	\$15,654,917 \$27,711,582	\$30,215,211 \$56,393,722	\$568,522,470 \$980,767,030
D10	Services	Conveying	\$430,900	\$1,359,205	\$50,420,771	\$593,600	\$49,466,001	\$461,971	\$683,575	\$12,720,663
D20		Plumbing	\$3,803,718	\$7,612,924	\$7,500,591	\$1,744,184	\$6,718,112	\$3,481,213	\$8,088,292	\$135,067,828
D30		HVAC	\$11,972,794	\$24,449,711	\$21,007,499	\$4,631,770	\$22,233,115	\$13,104,795	\$27,634,548	\$430,821,580
D40		Fire Protection	\$1,404,688	\$2,442,470	\$2,323,250	\$587,252	\$2,257,047	\$1,279,328	\$2,595,553	\$47,512,203
D50		Electrical Utilities	\$9,754,056	\$16,431,425	\$18,991,431	\$4,104,000	\$17,784,727	\$9,384,275	\$17,391,754	\$354,644,756
E		& Fixed Equipment	\$4,571,634	\$6,573,749	\$8,386,082	\$1,592,174	\$4,160,050	\$5,509,153	\$7,098,375	\$147,019,924
	Building Value Building Su	lue Engineering	\$68,244,805	\$152,869,188	\$143,835,136	\$44,248,438	\$135,512,606	\$79,549,347	\$152,567,448	\$0 \$2,718,884,570
F		nstruction & Demo	\$3,373,342	\$1,021,610	\$143,833,136	\$1,468,762	\$3,702,853	\$4,390,011	\$4,175,638	\$2,710,664,570 \$150,479,218
G	Other Site C		\$8,676,159	\$32,929,683	\$20,378,558	\$3,529,746	\$34,955,475	\$29,953,071	\$22,974,031	\$401,396,536
G10		Site Preparation	\$8,676,159	\$32,783,529	\$8,003,706	\$750,994	\$12,235,063	\$6,814,168	\$4,867,439	0100 505 050
G20										\$130,597,650
G30		Site Improvements	\$0	\$138,154	\$7,900,598	\$2,066,747	\$12,583,194	\$12,844,618	\$11,197,862	\$182,009,674
G40		Mechanical Utilities	\$0 \$0	\$138,154 \$8,000	\$7,900,598 \$2,996,106	\$2,066,747 \$361,255	\$12,583,194 \$8,046,500	\$6,571,169	\$11,197,862 \$4,502,960	\$182,009,674 \$58,561,902
	Other Che O	Mechanical Utilities Electrical Utilities	\$0 \$0 \$0	\$138,154 \$8,000 \$0	\$7,900,598 \$2,996,106 \$1,478,148	\$2,066,747	\$12,583,194 \$8,046,500 \$2,090,718	\$6,571,169 \$3,723,116	\$11,197,862 \$4,502,960 \$2,405,770	\$182,009,674 \$58,561,902 \$30,227,310
	Other Site C	Mechanical Utilities Electrical Utilities	\$0 \$0 \$0 \$185,000	\$138,154 \$8,000 \$0 \$31,353,309	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526	\$2,066,747 \$361,255 \$350,750	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132	\$6,571,169 \$3,723,116 \$2,228,504	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246
	Subtotal	Mechanical Utilities Electrical Utilities	\$0 \$0 \$0 \$185,000 \$80,479,306	\$138,154 \$8,000 \$0 \$31,353,309 \$218,173,790	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018	\$2,066,747 \$361,255 \$350,750 \$49,246,946	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570
Z		Mechanical Utilities Electrical Utilities	\$0 \$0 \$0 \$185,000 \$80,479,306 \$20,365,852	\$138,154 \$8,000 \$0 \$31,353,309 \$218,173,790 \$63,250,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018 \$52,365,025	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,393,147
Z Z	Subtotal	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond	\$0 \$0 \$18,00 \$18,00 \$80,479,306 \$20,365,852 \$1,264,248 \$339,998	\$138,154 \$8,000 \$0 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000	\$7,90,598 \$2,996,106 \$1,478,148 \$1,532,526 \$17,786,018 \$52,365,025 \$3,095,503 \$1,949,020	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629	\$11.197.862 \$4.502.960 \$2.405.770 \$2.318.680 \$182.0355.797 \$47.927.593 \$2.956.261 \$2.639.519	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,393,147 \$71,051,932 \$30,873,938
Z Z	Subtotal	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$393,998 \$8,047,931	\$138,154 \$8,000 \$0 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018 \$23,365,503 \$1,949,020 \$17,749,602	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,931,471 \$71,051,932 \$30,873,938 \$315,348,995
Z Z	Subtotal	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$339,998 \$8,047,931 \$7,809,537	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,025 \$3,095,503 \$19,49,020 \$17,749,602 \$8,225 \$8,225 \$8,225	\$2,066,747 \$361,255 \$360,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976	\$182,009,674 \$58,561,902 \$30,227,316 \$43,464,246 \$3,341,247 \$14,393,147 \$71,051,932 \$30,673,938 \$315,344,999 \$20,950,958
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$393,998 \$8,047,931	\$138,154 \$6,000 \$7 \$6 \$31,353,309 \$218,173,790 \$63,250,000 \$2,350,000 \$2,350,000 \$2,1500,000 \$2,1500,000 \$2,500,000 \$2,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018 \$62,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$9,225,000 \$15,488,531	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,0124	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,993,147 \$71,051,932 \$30,873,938 \$315,348,995 \$269,630,782 \$143,594,615
Z Z	Subtotal	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$939,988 \$8,047,331 \$7,809,563 \$2,304,092	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,025 \$3,095,503 \$19,49,020 \$17,749,602 \$8,225 \$8,225 \$8,225	\$2,066,747 \$361,255 \$360,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,629 \$5,490,124 \$8,659,087 \$3,332,122	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,247 \$14,393,147 \$71,051,932 \$30,673,938 \$315,348,995 \$26,953,075
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$939,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158	\$138,154 \$8,000 \$1,303,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000 \$21,500,000 \$21,500,000 \$21,500,000 \$21,500,000 \$21,500,000 \$21,500,000	\$7,900,598 \$2,996,106 \$14,778,148 \$1,532,526 \$177,496,018 \$62,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$8,225,000 \$15,488,531 \$5,857,369 \$229,861,043	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$65,576,772	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,03 \$5,490,124 \$8,659,005 \$3,332,122 \$148,795,590	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,224,507 \$914,393,147 \$71,051,933 \$30,873,938 \$315,546,995 \$269,630,748 \$41,354,851 \$83,90,673,874
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$339,998 \$8,047,931 \$7,809,553 \$2,304,092 \$100,845,158	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$3,550,000 \$2,3550,000 \$21,500,000 \$21,500,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,108 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$6,225,000 \$15,488,531 \$5,887,339 \$229,861,043 \$9,049,633	\$2,066,747 \$361,255 \$360,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$55,576,772	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,087 \$3,332,122 \$148,795,590	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148	\$182,009,674 \$58,561,902 \$30,227,31(\$43,464,246 \$53,341,224,77 \$914,393,147 \$71,051,932 \$30,673,938 \$315,248,995 \$269,630,782 \$143,584,851 \$83,302,644 \$4,228,617,717 \$26,615,232 \$21,262,523
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scop Escalation to Total Const	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency or Subtotal pe Adjustments to Construction Mid-Point truction Cost	\$0 \$0 \$185,000 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$339,398 \$8,047,931 \$7,809,553 \$2,304,092 \$100,845,158	\$138,154 \$6,000 \$7,000 \$1,353,309 \$218,173,790 \$63,250,000 \$2,350,000 \$2,350,000 \$2,1500,000 \$2,1500,000 \$2,1500,000 \$2,1500,000 \$2,1500,000 \$2,1500,000 \$2,1500,000 \$2,1500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$9,225,000 \$15,488,531 \$5,857,369 \$229,861,043 \$3,049,633 \$238,910,676	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$65,576,772	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,024 \$3,332,122 \$14,795,590 \$4,623,070 \$153,418,660	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$22,963,390 \$10,922,148	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,931,47 \$71,051,932 \$30,873,933 \$315,340,995 \$269,630,782 \$143,584,685 \$143,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$44,584,685 \$45,685 \$45,68
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to Total Constructs Cost per Sq	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency or Subtotal pe Adjustments to Construction Mid-Point truction Cost	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$339,998 \$8,047,931 \$7,809,553 \$2,304,092 \$100,845,158	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$3,550,000 \$2,3550,000 \$21,500,000 \$21,500,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,108 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$6,225,000 \$15,488,531 \$5,887,339 \$229,861,043 \$9,049,633	\$2,066,747 \$361,255 \$360,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$55,576,772	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,087 \$3,332,122 \$148,795,590	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148	\$182,003,674 \$58,567,203 \$30,227,310 \$43,464,246 \$3,341,224,507 \$914,393,147 \$71,051,323 \$30,873,338 \$315,348,995 \$269,630,782 \$143,584,851 \$43,984,851 \$43,984,851 \$43,984,851 \$44,286,877,717 \$26,615,232 \$212,362,503 \$4,467,595,452
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Construction Froject Scop Escalation to Total Const Cost per Sq es	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pee Adjustments to Construction Mid-Point struction Cost quare Foot	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$939,998 \$8,047,931 \$7,809,533 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489	\$138,154 \$8,000 \$30 \$31,353,309 \$218,173,799 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000 \$21,500,000 \$21,500,000 \$3,500	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,618 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$8,225,000 \$15,488,531 \$5,857,369 \$229,861,043 \$9,049,633 \$238,910,676 \$566	\$2,066,747 \$361,255 \$330,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$55,576,772 \$3,311,611 \$68,888,383 \$800	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$1178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$41,895,277 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,029 \$1,1774,629 \$11,557,673 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,509 \$4,623,070 \$153,418,660 \$741	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$22,963,390 \$10,922,148	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,2470 \$914,393,147 \$71,051,932 \$33,81,224,995 \$269,630,733 \$315,346,995 \$269,630,737 \$414,584,851 \$83,902,649 \$4,225,615,232 \$21,362,533 \$4,467,595,452
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scop Escalation to Total Const Cost per Sq es struction Serv	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$339,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489	\$138,154 \$8,000 \$30 \$31,353,395 \$218,173,799 \$63,250,000 \$3,500,000 \$2,350,000 \$2,21,500,000 \$2,1500,000 \$5,500,000 \$5,500,000 \$281,423,790 \$721 \$721	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,018 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$3,225,000 \$154,948,531 \$5,857,369 \$229,861,043 \$3,949,633 \$236,910,676 \$566	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,895 \$6,474,163 \$1,632,426 \$1,938,911 \$65,576,772 \$3,311,611 \$66,888,383 \$800	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,675,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574	\$182,009,674 \$55,861,902 \$30,227,310 \$43,464,246 \$3,314,224,570 \$914,393,147 \$71,051,932 \$30,873,938 \$315,348,995 \$269,630,782 \$145,564,651 \$83,902,649 \$4,228,571 \$26,615,232 \$212,362,503 \$4,467,595,452 \$16,542,456 \$9,616,308
Z Z Z Z Z Z Z Z Z Z Z C C C D Bid Alternate CM Pre-Con- Construction	Construction Froject Scop Escalation to Total Const Cost per Sq es	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$393,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$33,863,007 \$104,708,165 \$489	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,1500,000 \$2,1500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,12 \$1,900,000 \$15,488,531 \$5,887,539,503 \$1,949,020 \$17,49,602 \$9,225,000 \$15,488,531 \$5,887,309 \$229,861,043 \$9,049,633 \$238,910,676 \$566	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$68,888,883 \$800	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$450,000 \$15,650,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$3,674,657 \$1,861,022 \$1,774,629 \$11,557,629 \$11,557,637 \$5,490,124 \$8,659,087 \$3,332,122 \$148,795,590 \$4,623,070 \$741	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,5956,261 \$2,639,519 \$18,203,580 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,242,75 \$914,393,147 \$71,051,393 \$33,673,938 \$315,348,995 \$269,630,73,938 \$315,348,995 \$269,630,73,938 \$315,348,995 \$269,630,73,938 \$31,248,957 \$44,958,451 \$43,948,851 \$43,948,851 \$43,948,851 \$44,958,452 \$44,228,617,717 \$26,615,232 \$21,236,2503 \$4,467,595,452 \$16,542,456 \$9,616,308 \$21,603,008 \$21,603,008 \$21,603,008 \$21,603,008 \$21,603,008
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Construction Project Scop Escalation to Total Construction Cost per So es struction Serve Contingency	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$84,779,306 \$20,365,852 \$1,264,248 \$339,398 \$8,047,931 \$7,809,553 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$499 \$0 \$5,200,000 \$11,370,000	\$138,154 \$8,000 \$30 \$31,353,399 \$218,173,799 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000 \$22,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$477,496,108 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$3,225,605 \$3,087,369 \$222,8861,043 \$9,049,633 \$238,910,676 \$566	\$2,066,747 \$361,255 \$330,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$64,774,163 \$1,632,426 \$1,938,911 \$65,576,772 \$3,311,611 \$68,888,383 \$800 \$475,000 \$4,133,303 \$7,755,724	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630 \$450,000 \$15,650,000 \$29,100,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,0355,97 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$58,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,224,57 \$914,393,147 \$71,051,932 \$330,873,938 \$315,348,995 \$206,930,25 \$21,362,533 \$44,67,995,452 \$118,584,851 \$83,902,649 \$4,228,617,232 \$21,246,253 \$41,460,340 \$21,460,340 \$473,310,340
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scop Escalation to Total Const Cost per Sq es struction Serv	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to construction Mid-Point truction Cost quare Foot	\$0 \$0 \$105,000 \$105,000 \$105,000 \$105,000 \$105,000 \$105,000 \$105,000 \$105,000 \$105,000 \$11,370,000 \$2,205,500	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,1500,000 \$2,1500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$5174,749,618 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$8,225,005 \$15,488,531 \$5,867,369 \$229,861,043 \$9,049,633 \$238,910,676 \$566 \$700,000 \$8,225,725 \$21,196,550 \$5,387,595 \$5,387,595	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$68,888,883 \$800	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$1178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$41,893,527 \$5,430,976 \$225,373,007 \$18,218,065 \$243,591,092 \$630 \$450,000 \$11,650,000 \$11,137,949 \$10,116,500	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$11,774,022 \$11,557,673 \$5,490,124 \$8,659,024 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200	\$182,009,674 \$58,561,902 \$30,227,311 \$43,464,246 \$3,341,224,57 \$914,393,147 \$71,051,932 \$30,373,38 \$315,348,995 \$269,630,782 \$143,584,851 \$83,902,636 \$44,228,617,717 \$26,615,232 \$212,632,505 \$44,467,595,452 \$16,642,456 \$9,616,300 \$214,663,0677 \$473,310,552 \$16,630,677
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scop Escalation to Total Const Cost per Sco es substruction Serv Contingency re Professional	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$185,000 \$88,479,306 \$20,365,852 \$1,264,248 \$393,988 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$3,725,000 \$2,805,500 \$2,805,500 \$11,500	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000 \$21,500,000 \$21,500,000 \$3,500,000 \$21,500,000 \$3,500,00	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$51,748,602 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$8,225,000 \$15,488,531 \$5,857,369 \$229,861,043 \$238,910,676 \$5566 \$700,000 \$8,225,725 \$21,198,527,555 \$5,387,595 \$7,014,000	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,938,911 \$65,576,772 \$3,311,611 \$68,688,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630 \$450,000 \$15,650,000 \$29,100,000 \$11,137,949 \$10,816,500 \$50,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,037 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$2,502,000	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,966,261 \$2,639,519 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$10,922,148 \$240,885,538 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$56,803,000	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,224,57 \$914,393,147 \$71,051,932 \$33,872,933 \$315,348,995 \$26,813,072,933 \$315,348,995 \$26,813,072,833 \$315,348,995 \$26,813,072,833 \$315,348,995 \$26,813,072,833 \$316,348,955 \$316,348,955 \$316,348,851 \$316,542,456 \$316,542,4
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scop Escalation to Total Const Cost per Sg es es es contingency r Professional	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$3939,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$2,265,500 \$3,725,000 \$15,500,500 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000	\$138,154 \$8,000 \$31,353,309 \$213,173,790 \$63,250,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,750,000 \$2,750,000 \$3,500,000 \$3	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,12 \$1,900,000 \$15,488,531 \$5,887,596 \$1,900,000 \$229,861,043 \$9,049,633 \$1,949,633 \$238,910,676 \$566	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$66,888,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$4,89,527 \$5,430,976 \$225,373,007 \$18,218,085 \$1,000 \$15,650,000 \$29,100,000 \$11,137,949 \$10,816,500 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,637 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,590 \$4,623,070 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$4,995,100 \$2,502,000 \$120,000	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,5956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,85,538 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$50,000 \$1,125,000	\$182,009,674 \$58,561,902 \$30,227,31(\$43,464,246 \$3,341,242,75 \$914,393,147 \$71,051,932 \$30,673,936 \$315,345,936 \$26,630,782 \$443,564,851 \$53,002,603 \$44,667,595,452 \$16,542,256 \$9,615,232 \$212,362,503 \$4,467,595,452 \$16,542,456 \$9,916,3,006 \$21,603,944 \$473,310,562 \$166,632,327 \$143,363,987 \$143,363,987 \$1,281,000
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to Total Const Cost per Sq es estruction Serv in Contingency in Professional	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Pricit / GMP Fee GMP Contingency on Subtotal ppe Adjustments to Construction Mid-Point truction Cost quare Foot vices y al services	\$0 \$0 \$105,000 \$180,479,306 \$20,365,852 \$1,264,248 \$3939,981 \$5,200,982 \$5,007,991 \$100,845,158 \$33,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$3,725,000 \$2,805,500 \$15,000 \$3,725,000 \$3,725,000 \$45,000 \$3,552,000 \$45,000	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$3,350,000 \$2,350,000 \$2,350,000 \$2,1500,000 \$2,1500,000 \$3,500,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$174,749,618 \$52,365,025 \$3,995,503 \$1,949,020 \$17,749,602 \$3,225,861,043 \$228,861,043 \$5,949,633 \$238,910,676 \$566 \$700,000 \$8,225,725 \$21,196,550 \$5,387,595 \$7,014,000 \$9,287,275 \$21,986,550 \$5,387,595 \$7,014,000 \$9,282,287,595 \$7,014,000 \$10,967,632	\$2,066,747 \$361,255 \$330,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$55,576,772 \$3,311,611 \$68,888,383 \$800 \$4,75,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000 \$3,855,000 \$1,722,210	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630 \$450,000 \$11,137,949 \$10,816,500 \$50,000 \$25,000 \$510,000 \$410,000 \$11,137,949 \$10,816,500 \$50,000 \$40,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$4,995,100 \$2,502,000 \$1,720,000 \$1,720,000 \$3,308,373	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,860 \$182,0355,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574 \$14,453,132 \$28,216,134 \$112,750,000 \$6,883,200 \$50,000 \$1,125,000 \$1,125,000 \$1,125,000	\$182,009,674 \$58,561,902 \$30,227,31(\$43,464,246 \$3,341,224,57(\$914,393,147 \$71,051,932 \$315,246,993 \$315,246,993 \$20,930,762 \$143,584,851 \$83,902,645 \$44,286,617,717 \$26,615,232 \$212,362,503 \$44,67,595,452 \$16,542,456 \$9,616,308 \$214,603,946 \$473,310,552 \$166,630,677 \$143,689,967 \$143,689,967 \$143,873,967 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97 \$143,873,97
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to Total Construction Cost per Sco es es and Contingency or Professional Costs Total I Construction Total I Construction Contingency Total I	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to construction Mid-Point truction Cost quare Foot	\$0 \$0 \$185,000 \$80,479,306 \$20,365,852 \$1,264,248 \$3939,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$2,265,500 \$3,725,000 \$15,500,500 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000 \$3,725,000	\$138,154 \$8,000 \$31,353,309 \$213,173,790 \$63,250,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,550,000 \$2,750,000 \$2,750,000 \$3,500,000 \$3	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,12 \$1,900,000 \$15,488,531 \$5,887,596 \$1,900,000 \$229,861,043 \$9,049,633 \$1,949,633 \$238,910,676 \$566	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$66,888,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$4,89,527 \$5,430,976 \$225,373,007 \$18,218,085 \$1,000 \$15,650,000 \$29,100,000 \$11,137,949 \$10,816,500 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000 \$50,000	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,637 \$5,490,124 \$8,659,007 \$3,332,122 \$148,795,590 \$4,623,070 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$4,995,100 \$2,502,000 \$120,000	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,5956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,85,538 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$50,000 \$1,125,000	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,224,507 \$914,393,147 \$71,051,903 \$30,873,938 \$315,346,995 \$26,953,07 \$443,954,851 \$428,617,717 \$22,617,737 \$443,64,67 \$31,062,67 \$4467,893,452 \$16,542,456 \$9,616,308 \$214,603,940 \$473,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552 \$16,632,037 \$44,873,310,552
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Constructio Project Scog Escalation to Total Const Cost per Se es struction Serv Toniconst Cost per Se es struction Serv Total Fe Total Fe Es Es	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pee Adjustments truction Cost quare Foot Y Project Budget ****	\$0 \$0 \$185,000 \$185,000 \$20,365,852 \$1,264,248 \$339,998 \$8,047,931 \$7,809,553 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$3,725,000 \$2,805,500 \$15,000 \$3,552,0000 \$3,552,0000 \$3,552,0000 \$3,552,0000 \$3,552,0000 \$3,755,000 \$3,552,0000 \$3,755,000 \$3,552,0000 \$3,755,000 \$3,5	\$138,154 \$8,000 \$31,353,309 \$218,173,799 \$63,250,000 \$33,550,000 \$23,550,000 \$21,500,000 \$21,500,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$5,900,000 \$1,4946,190 \$35,500,189 \$10,053,348 \$5,900,400 \$1,900,000	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,108 \$52,365,025 \$1,949,020 \$17,749,602 \$52,265,025 \$1,949,020 \$15,488,531 \$2,286,1043 \$2,286,1043 \$2,286,1043 \$2,286,1043 \$2,286,1043 \$3,049,633 \$2,25,725 \$21,196,550 \$5,307,595	\$2,066,747 \$361,255 \$330,750 \$49,246,946 \$16,329,826 \$1,339,631 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$65,576,772 \$3,311,611 \$65,883,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000 \$3,855,000 \$1,722,210 \$91,966,532	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$41,873,565 \$44,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$44,000 \$450,000 \$11,137,949 \$10,816,500 \$50,000 \$29,100,000 \$11,137,949 \$10,816,500 \$50,000 \$51,650,000 \$50,000 \$4,002,079 \$317,422,620	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,627 \$1,1861,022 \$11,557,673 \$5,490,124 \$8,655,900,124 \$8,655,900 \$13,332,122 \$148,795,500 \$4,623,070 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$4,950,100 \$2,502,000 \$1,1720,000 \$3,068,373 \$189,593,594	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$6,883,200 \$50,000 \$1,125,000 \$1,125,000 \$1,204,428 \$305,567,432	\$182,006,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,242,57 \$914,393,147 \$71,051,932 \$30,873,938 \$315,348,995 \$269,630,73,938 \$315,348,995 \$269,630,73,938 \$316,542,995 \$44,28,617,717 \$26,615,232 \$212,962,503 \$44,67,595,452 \$16,542,456 \$9,616,308 \$214,603,904 \$473,310,552 \$166,630,677 \$143,636,677 \$143,636,677 \$143,636,977 \$143,643,645 \$9,616,308 \$214,603,677 \$143,656,977 \$143,65
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Score Escalation to Total Construction Cost per Score Co	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pee Adjustments truction Cost quare Foot Y Project Budget ****	\$0 \$0 \$185,000 \$185,000 \$20,365,852 \$12,624,248 \$939,988 \$8,047,331 \$7,809,563 \$2,304,092 \$10,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$3,725,000 \$3,725,000 \$3,755,000	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000 \$21,500,000 \$21,500,000 \$21,500,000 \$3,500,000 \$21,500,000 \$3,500,00	\$7.900.598 \$2.996.106 \$14.778.148 \$1,532.526 \$177.496.018 \$52.365.025 \$3.095.505 \$1.949.020 \$17,749.602 \$52.25.600 \$15,488.531 \$5.857.369 \$229,861,043 \$238.910,676 \$5566 \$700.000 \$8.225.725 \$21,186.550 \$5,387.595 \$7,014.000 \$382.000 \$10,967.632 \$293,384,178	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,631 \$1,396,631 \$4,924,695 \$6,474,163 \$1,632,426 \$1,958,911 \$65,576,772 \$3,311,611 \$68,888,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,500,000 \$3,855,000 \$1,722,210 \$91,966,532	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$178,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$16,731,565 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$450,000 \$15,650,000 \$29,100,000 \$11,377,949 \$10,816,500 \$2,625,000 \$2,625,000 \$4,002,079 \$317,422,620	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,659,037 \$3,332,122 \$148,795,590 \$4,623,070 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$2,502,000 \$1,720,000 \$1,720,000 \$1,720,000 \$3,068,373 \$189,593,594	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,965,261 \$2,639,519 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$18,203,580 \$11,253,100 \$11,25,000 \$6,883,200 \$11,25,000 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$5,000 \$1,125,000	\$182,003,674 \$182,003,674 \$35,227,310 \$43,464,246 \$3,341,224,007 \$914,393,147 \$71,051,325 \$30,873,338 \$315,348,995 \$209,630,782 \$143,584,851 \$43,228,617,717 \$26,615,228 \$214,362,503 \$4,467,595,452 \$16,542,456 \$9,616,308 \$214,603,940 \$477,310,552 \$166,530,567 \$143,363,987 \$1,281,008,183,343 \$5,602,613,700 \$49,587,494 \$60,081,833 \$5,602,613,700 \$11,997,495
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to Total Construction Cost per Sco es es es cost per Sco es es cost per Sco es es es es cost per Sco es	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point struction Cost quare Foot Is services y Project Budget **** gency gency	\$0 \$0 \$185,000 \$185,000 \$180,479,306 \$20,365,852 \$1,1264,248 \$939,988 \$3,047,331 \$7,809,563 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$2,805,500 \$3,725,000 \$3,725,000 \$3,552,000 \$11,825,665 \$43,000 \$11,825,665	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$3,500,000 \$3	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,138 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$52,25000 \$15,488,531 \$5,887,309 \$229,861,043 \$3,045,676 \$506 \$700,000 \$8,225,725 \$21,196,550 \$5,387,505 \$	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$63,888,383 \$800 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000 \$3,855,000 \$1,722,210 \$91,966,532 \$4,822,187 \$46,292,699	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$41,195,527 \$5,430,976 \$225,373,007 \$18,218,085 \$44,082,941 \$13,379,255 \$41,199,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630 \$450,000 \$15,650,000 \$29,100,000 \$11,137,949 \$10,816,500 \$2,625,000 \$2,402,079 \$317,422,620	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,669,124 \$8,669,124 \$8,669,124 \$4,623,070 \$13,332,122 \$148,795,590 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$2,500,000 \$1,720,000 \$1,720,000 \$3,068,373 \$189,593,594	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,2956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574 \$11,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000	\$182,009,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,314,224,50 \$914,393,147 \$71,051,93 \$30,873,938 \$315,346,995 \$26,651,93 \$44,851 \$428,617,717 \$43,584,851 \$42,286,17,717 \$428,617,717 \$428,617,717 \$428,617,717 \$443,584,851 \$51,6542,456 \$51,616,308 \$21,603,940 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,530,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,630,340 \$473,310,552 \$166,530,340 \$473,310,552 \$166,530,340 \$473,310,552 \$166,530,340 \$473,310,552 \$168,300,300 \$495,587,494 \$50,081,334 \$55,602,613,300 \$11,997,495 \$164,300,694 \$11,655,527,315
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Subtotal Mark-Ups Construction Project Scop Escalation to Total Construction Cost per Scop Escalation to Total Construction Cost per Scop Escalation to Total Construction Cost per Scop Escalation to Total I see Escalation Basis & Contingsory Basis for	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point struction Cost quare Foot vices y Project Budget *** gency Total Facilities Grant	\$0 \$0 \$185,000 \$185,000 \$20,365,852 \$1,264,248 \$393,998 \$8,047,931 \$7,809,583 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$2,265,500 \$15,500 \$15,500 \$3,552,000 \$11,370,000	\$138,154 \$8,000 \$31,353,309 \$213,173,790 \$63,250,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,1500,000 \$2,1500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$3,500,000 \$11,4946,190 \$335,590,189 \$10,003,348 \$9,774,632 \$50,746,747,093	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$174,946,138 \$62,385,025 \$3,3095,503 \$1,949,020 \$17,749,602 \$9,225,000 \$15,488,531 \$5,887,509 \$229,861,043 \$9,049,633 \$239,910,676 \$5566 \$700,000 \$8,225,725 \$21,196,550 \$5,337,500,500 \$10,967,632 \$293,384,178 \$5,836,618 \$5,836,618 \$5,836,618 \$5,836,618	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$66,888,383 \$800 \$475,000 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000 \$1,722,210 \$91,966,532 \$4,822,187 \$4,822,187 \$4,822,187 \$46,299 \$40,851,646	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$4,189,527 \$5,430,976 \$225,373,007 \$18,218,085 \$4,189,527 \$5,430,976 \$10,215,650,000 \$11,373,949 \$10,816,500 \$50,000 \$400,007 \$11,373,949 \$10,816,500 \$50,000 \$4002,079 \$317,422,620	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,629 \$11,557,629 \$11,557,629 \$1,48,795,590 \$4,623,070 \$153,418,660 \$741 \$258,628 \$7,670,933 \$15,840,000 \$4,295,100 \$2,502,000 \$1,720,000 \$1,720,000 \$1,720,000 \$1,720,000 \$1,720,000 \$3,068,373 \$189,593,594	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,595,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,855,38 \$574 \$14,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$50,000 \$1,125,000	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,424,507 \$914,393,147 \$71,051,937 \$30,873,938 \$315,489,955 \$266,630,782 \$143,584,851 \$43,228,617,717 \$26,615,228 \$212,362,503 \$4,467,595,452 \$16,503,672 \$143,839,967 \$12,813,907 \$143,933,907 \$143,933,907 \$143,933,907 \$143,933,907 \$143,933,907 \$143,933,907 \$15,937,907 \$143,933,907 \$15,937,907 \$15,937,907 \$11,937,937 \$10,937,937 \$10,937,937 \$10,937,937 \$10,937,937 \$10,937,937 \$11,997,495 \$10,937,935
Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Construction Construction Construction Project Scope Escalation to Total Construction Cost per Sa ses Introduction Service Total Service Total Construction Contingency Total I file Total Service Total Ser	Mechanical Utilities Electrical Utilities Construction Insurance Subcontractor Bond Design & Pricing Contingency General Conditions Overhead & Profit / GMP Fee GMP Contingency on Subtotal pe Adjustments to Construction Mid-Point struction Cost quare Foot Is services y Project Budget **** gency gency	\$0 \$0 \$185,000 \$185,000 \$180,479,306 \$20,365,852 \$1,1264,248 \$939,988 \$3,047,331 \$7,809,563 \$2,304,092 \$100,845,158 \$3,863,007 \$104,708,165 \$489 \$0 \$5,200,000 \$11,370,000 \$2,805,500 \$3,725,000 \$3,725,000 \$3,552,000 \$11,825,665 \$43,000 \$11,825,665	\$138,154 \$8,000 \$31,353,309 \$218,173,790 \$63,250,000 \$3,500,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$2,350,000 \$3,500,000 \$3	\$7,900,598 \$2,996,106 \$1,478,148 \$1,532,526 \$177,496,138 \$52,365,025 \$3,095,503 \$1,949,020 \$17,749,602 \$52,25000 \$15,488,531 \$5,887,309 \$229,861,043 \$3,045,676 \$506 \$700,000 \$8,225,725 \$21,196,550 \$5,387,505 \$	\$2,066,747 \$361,255 \$350,750 \$49,246,946 \$16,329,826 \$1,339,831 \$0 \$4,924,695 \$6,474,163 \$1,632,426 \$1,988,911 \$65,576,772 \$3,311,611 \$63,888,383 \$800 \$4,133,303 \$7,755,724 \$2,636,912 \$2,500,000 \$3,855,000 \$1,722,210 \$91,966,532 \$4,822,187 \$46,292,699	\$12,583,194 \$8,046,500 \$2,090,718 \$4,219,132 \$118,390,066 \$46,982,941 \$4,626,775 \$2,624,843 \$13,379,255 \$41,195,527 \$5,430,976 \$225,373,007 \$18,218,085 \$44,082,941 \$13,379,255 \$41,199,527 \$5,430,976 \$225,373,007 \$18,218,085 \$243,591,092 \$630 \$450,000 \$15,650,000 \$29,100,000 \$11,137,949 \$10,816,500 \$2,625,000 \$2,402,079 \$317,422,620	\$6,571,169 \$3,723,116 \$2,228,504 \$116,120,933 \$32,674,657 \$1,861,022 \$1,774,629 \$11,557,673 \$5,490,124 \$8,669,124 \$8,669,124 \$8,669,124 \$4,623,070 \$13,332,122 \$148,795,590 \$153,418,660 \$741 \$258,528 \$7,670,933 \$15,840,000 \$4,995,100 \$2,500,000 \$1,720,000 \$1,720,000 \$3,068,373 \$189,593,594	\$11,197,862 \$4,502,960 \$2,405,770 \$2,318,680 \$182,035,797 \$47,927,593 \$2,2956,261 \$2,639,519 \$18,203,580 \$18,252,976 \$5,875,257 \$229,963,390 \$10,922,148 \$240,885,538 \$574 \$11,453,132 \$28,216,134 \$12,750,000 \$6,883,200 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$5,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000 \$1,125,000	\$182,003,674 \$58,561,902 \$30,227,310 \$43,464,246 \$3,341,224,507 \$914,393,147 \$71,051,903 \$30,873,938 \$315,346,995 \$26,651,903 \$31,873,938 \$315,346,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,995 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,875 \$44,363,987 \$44,9587,494 \$50,081,834 \$55,602,183,997 \$44,9587,494 \$50,081,834 \$55,602,183,997 \$41,997,495 \$41,995,527,315

- 17 Boston Carter The Maximum Facilities Grant reflects the recovery of -\$1,036.
- 18 Northeast Metro RVT The Maximum Facilities Grant reflects the recovery of -\$12,186.
- 19 Stoneham HS The Maximum Facilities Grant reflects the recovery of -\$28,843.
- 20 Bristol Plymouth RVT The Maximum Facilities Grant reflects the recovery of -\$1,322.

Page 4 of 4 Published 12/17/2021