## 2020 Window/Door Projects <100,000 GSF

District	Florida	Cambridge	Hingham
School Name	Abbott Memorial School	Cambridgeport School	Plymouth River Elementary School
GSF	24,400	58,646	59,300
Window Replacement SF	3,392	4,690 Atlantic	4,696 Architectural
ОРМ	Hill International, Inc.	Construction & Management, Inc.	Consulting Group,
Designer	Gale Associates, Inc.	Kaestle Boos Associates	Turowski2 Architecture, Inc.
Total Project Budget-PFA Bid Amount  TOTAL PROJECT BUDGET - ALL COSTS ASSOCIATED			
WITH THE PROJECT ARE SUBJECT TO 963 CMR 2.16(5)			
Feasibility Study Agreement  OPM Feasibility Study	\$15,000	\$15,000	\$15,000
A&E Feasibility Study Env. & Site	\$59,187 \$0	\$38,700 \$3,000	\$102,715 \$0
Other	\$0	\$0	\$0
Feasibility Study Agreement Subtotal Administration	\$74,187	\$56,700	\$117,715
Legal Fees Owner's Project Manager	\$0	\$0	\$0
Design Development	\$0	\$0	\$0
Construction Contract Documents Bidding	\$8,950 \$9,273	\$31,500 \$9,200	\$43,750 \$12,375
Construction Contract Administration  Closeout	\$130,052 \$7,375	\$172,000 \$16,300	\$171,625 \$35,100
Extra Services	\$0 \$2,000	\$0 \$0	\$0 \$3,000
Reimbursable & Other Services Cost Estimates	\$0	\$0	\$0
Advertising Permitting	\$2,000 \$0	\$1,000 \$0	\$0 \$0
Owner's Insurance Other Administrative Costs	\$0 \$0	\$0 \$0	\$0 \$0
Administration Subtotal	\$159,650	\$230,000	\$265,850
Architecture and Engineering Basic Services			
Design Development Construction Contract Documents	\$0 \$66,335	\$0 \$58,500	\$0 \$113,198
Bidding	\$6,400	\$4,500	\$17,270
Construction Contract Administration Closeout	\$53,046 \$7,095	\$25,200 \$1,800	\$79,770 \$5,770
Other Basic Services  Basic Services Subtotal	\$0 <b>\$132,876</b>	\$0 \$90,000	\$0 \$216,008
Reimbursable Services Construction testing			
Printing (over minimum)	\$1,000 \$2,000	\$0 \$1,500	\$0 \$5,000
Other Reimbursable Costs Hazardous Materials	\$2,000 \$0	\$0 \$10,000	\$0 \$36,795
Geotech & Geo-Env. Site Survey	\$0 \$0	\$0 \$0	\$0 \$0
Wetlands	\$0	\$0	\$0
Traffic Studies Architectural/Engineering Subtotal	\$0 <b>\$137,876</b>	\$0 <b>\$101,500</b>	\$0 \$257,803
CM & Risk Preconstruction Services Pre-Construction Services	\$0	\$0	\$0
Site Acquisition			
Land/Building Purchase Appraisal Fees	\$0 \$0	\$0 \$0	\$0 \$0
Recording fees Site Acquisition Subtotal	\$0 <b>\$0</b>	\$0 <b>\$0</b>	\$0 <b>\$0</b>
Construction Costs			,
Construction Budget GMP Fee	\$0 \$0	\$0 \$0	\$0 \$0
GMP Insurance GMP Contingency	\$0 \$0	\$0 \$0	\$0 \$0
Division 1 - General Requirements	\$386,296	\$489,889	\$809,026
Division 2 - Existing Conditions Division 3 - Concrete	\$88,954 \$0	\$108,700 \$1,482	\$336,981 \$32,660
Division 4 - Masonry Division 5 - Metals	\$96,962 \$8,060	\$6,980 \$0	\$44,350 \$59,124
Division 6 - Woods, Plastics and Composites	\$14,464	\$41,643	\$180,427
Division 7 - Thermal and Moisture Protection Division 8 - Openings	\$2,551 \$558,767	\$111,924 \$671,160	\$468,190 \$579,790
Division 9 - Finishes Division 10 - Specialties	\$26,672 \$4,757	\$57,700 \$0	\$211,063 \$6,090
Division 11 - Equipment Division 12 - Furnishings	\$0 \$15,961	\$0 \$54,000	\$0 \$92,146
Division 13 - Special Construction	\$0	\$0	\$0
Division 14 - Conveying Systems	\$0	\$0	\$0 \$0
Division 21 - Fire Suppression	\$0	\$0	
Division 22 - Plumbing	\$0 \$7,460 \$0	\$0 \$0 \$0	\$31,640 \$39.050
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation	\$7,460 \$0 \$0	\$0 \$0 \$0	\$39,050 \$0
Division 22 - Plumbing Division 23 - HVAC	\$7,460 \$0	\$0 \$0 \$0 \$17,000 \$0	\$39,050 \$0 \$167,909 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security	\$7,460 \$0 \$0 \$3,000 \$0 \$1,300	\$0 \$0 \$0 \$17,000	\$39,050 \$0 \$167,909
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements	\$7,460 \$0 \$0 \$3,000 \$0 \$1,300 \$0 \$2,500	\$0 \$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500	\$39,050 \$0 \$167,909 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget	\$7,460 \$0 \$0 \$3,000 \$0 \$1,300 \$0	\$0 \$0 \$0 \$17,000 \$0 \$0 \$0	\$39,050 \$0 \$167,909 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities	\$7,460 \$0 \$0 \$3,000 \$1,300 \$1,300 \$0 \$2,500	\$0 \$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500	\$39,050 \$0 \$167,909 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget	\$7,460 \$0 \$3,000 \$1,300 \$1,300 \$2,500 \$0 \$1,217,704	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$0 \$1,567,978	\$39,050 \$0 \$167,909 \$0 \$0 \$0 \$0 \$3,058,446
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates Subtotal	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$1,567,978	\$39,050 \$0 \$167,909 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$0 \$1,567,978	\$39,050 \$0 \$167,909 \$0 \$0 \$0 \$0 \$3,058,446
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates Subtotal Miscellaneous Project Costs Utility company Fees Testing Services	\$7,460 \$0 \$3,000 \$1,300 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$0 \$1,567,978 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$3,058,446 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 32 - Utilities Construction Budget Alternates  Alternates  Alternates  Alternates Subtotal Miscellaneous Project Costs Utility company Fees Testing Services Swing Space/Modulars Other Project Costs (Mailing & Moving)	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$1,567,978 \$0 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$3,058,446 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates Subtotal Miscellaneous Project Costs Utility company Fees Testing Services Swing Space/Modulars	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$1,567,978 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$3,058,446 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates Utility company Fees Testing Services Swing Space/Modulars Other Project Costs (Mailing & Moving) Misc. Project Costs Subtotal Furnishings and Equipment Furnishings	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$17,000 \$0 \$17,000 \$0 \$0 \$7,500 \$1,567,978 \$0 \$0 \$1,000 \$0 \$1,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates  Alternates  Utility company Fees Testing Services Swing Space/Modulars Other Project Costs (Mailing & Moving) Misc. Project Costs (Mailing & Moving) Misc. Project Costs Subtotal Furnishings and Equipment Furnishings Equipment Computer Equipment	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$17,000 \$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$0 \$1,567,978 \$0 \$0 \$0 \$1,000 \$0 \$1,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates  Alternates Subtotal Miscellaneous Project Costs Utility company Fees Testing Services Swing Space/Modulars Other Project Costs (Mailing & Moving) Misc. Project Costs Subtotal Fumishings and Equipment Fumishings Equipment	\$7,460 \$0 \$3,000 \$1,300 \$1,300 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$17,000 \$0 \$0 \$0 \$1,567,978 \$0 \$0 \$1,567,978 \$0 \$0 \$1,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Division 22 - Plumbing Division 23 - HVAC Division 25 - Integrated Automation Division 26 - Electrical Division 27 - Communications Division 28 - Electronic Safety and Security Division 31 - Earthwork Division 32 - Exterior Improvements Division 33 - Utilities Construction Budget Alternates  Alternates  Alternates  Alternates  Utility company Fees Testing Services Swing Space/Modulars Other Project Costs (Mailing & Moving) Misc. Project Costs (Mailing & Moving) Misc. Project Costs Subtotal Furnishings and Equipment Furnishings Equipment Computer Equipment	\$7,460 \$0 \$3,000 \$1,300 \$0 \$2,500 \$0 \$1,217,704 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$17,000 \$0 \$0 \$17,000 \$0 \$0 \$0 \$7,500 \$0 \$1,567,978 \$0 \$0 \$0 \$1,000 \$0 \$1,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$39,050 \$167,909 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

Board Authorization	
Project Budget	\$1,589,417

Project Budget	\$1,589,417	\$1,957,178	\$3,704,814
Scope Items Excluded or Otherwise Ineligible	-\$121,713	-\$201,265	-\$433,296
Basis of Estimated Total Facilities Grant	\$1,467,704	\$1,755,913	\$3,271,518
Reimbursement Rate	72.21%	46.12%	33.95%
Estimated Maximum Total Facilities Grant	\$1,059,829	\$809,827	\$1,110,680

Total Construction Contingency	\$60,885	\$235,197	\$274,566
Total Owner's Contingency	\$6,089	\$49,725	\$14,220
Potentially Eligible Construction Contingency	\$60,885	\$73,163	\$136,313
Potentially Eligible Owner's Contingency		\$0	\$0
Total Potentially Eligible Contingency	\$60,885	\$73,163	\$136,313
Reimbursement Rate	72.21%	46.12%	33.95%
Potential Additional Contingency Grant Funds	\$43,965	\$33,743	\$46,278
Maximum Total Facilities Grant	\$1,103,794	\$843,570	\$1,156,958
Total Project Budget	\$1,656,391	\$2,242,100	\$3,993,600