## 2015 TPO Roof Projects >100,000 GSF

	Cambridge
School Name	Kennedy-
GSF	Longfellow 122,080
OPM	Skanska USA
OPM	Building, Inc.
Designer	Tai Soo Kim Partners, LLC
Total Project Budget-PFA Bid Amount	Partners, LLC
TOTAL PROJECT BUDGET - ALL COSTS ASSOCIATED	
WITH THE PROJECT ARE SUBJECT TO 963 CMR 2.16(5)	
Feasibility Study Agreement	
OPM Feasibility Study	\$7,50
A&E Feasibility Study Env. & Site	\$44,800
Other	
Feasibility Study Agreement Subtotal	\$52,300
Administration Legal Fees	
Owner's Project Manager	
Design Development	
Construction Contract Documents Bidding	\$10,000 \$7,500
Construction Contract Administration	\$129,760
Closeout	\$10,000
Extra Services	\$2,000
Reimbursable & Other Services Cost Estimates	\$2,000
Advertising	
Permitting	
Owner's Insurance Other Administrative Costs	
Administration Subtotal	\$159,260
Architecture and Engineering	
Basic Services Design Development	L
Construction Contract Documents	\$33,600
Bidding	\$5,600
Construction Contract Administration	\$9,900
Closeout Other Basic Services	\$5,600
Basic Services Subtotal	\$54,70
Reimbursable Services	
Construction testing Printing (over minimum)	\$5,000 \$5,000
Other Reimbursable Costs	\$20,000
Hazardous Materials	
Geotech & Geo-Env. Site Survey	
Wetlands	
Traffic Studies	
Architectural/Engineering Subtotal CM & Risk Preconstruction Services	\$84,700
Pre-Construction Services	
rie-construction dervices	
Site Acquisition	
Site Acquisition Land/Building Purchase	
Site Acquisition Land/Building Purchase Appraisal Fees	
Site Acquisition Land/Buikling Purchase Appraisal Fees Recording fees Site Acquisition Subtotal	\$1
Site Acquisition Land/Building Purchase Appraisal Fees Recording Fees Site Acquisition Subtotal Construction Costs	SI
Site Acquisition Land/building Purchase Appraisal Fees Recording fees Site Acquisition Subtotal Construction Costs Construction Audget	\$I
Site Acquisition Land/Building Purchase Appraival Fees Recording fees Site Acquisition Subtotal Site Acquisition Subtotal Construction Rosts Construction Rudget GMP Fee GMP Insurance	50 50
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Site Acquisition Subtotal Construction Costs Construction Outs Construction Outs Constructio	
Site Acquisition Land/Ruilding Purchase Appraisal Fees Iteraofing fees Site Acquisition Subtotal Construction Casis Construction Budget OMP Tere OMP Instruction OMP Instruction OMP Instruction Construction Casis	\$846,755
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Construction Octo Construction Budget GMP Fees GMP Fees GMP Fees GMP Contingency Division 2 - Existing Conditions	\$846,755
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Construction Octo Construction Octo Construction Division 2 - Construction Division 3 - Concrete Division 4 - Mascony	\$846,755 \$303,048
Site Acquisition Site Acquisition Appraisal Fees Iteraciting Fees Iteraciting Fees Site Acquisition Subtotal Construction Costs Construction Subget GMP For annote GMP Sources GMP Contingency Unividin 1 - General Requirements Division 1 - Sensiting Conditions Division 3 - Concrete Division 5 - Manory Divis	\$846,755 \$303,046 \$160,595
Site Acquisition Site Acquisition Appraisal Fees Recording Fees Recording Fees Recording Fees Recording Fees Construction Costs Construction Costs Construction Budget GMP Fees Construction Costs Construction Costs Construction Costs Construction Costs Construction Costs	\$846.755 \$303.046 \$160.599 \$63.244
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Recording Fees Construction Octos Construction Octos Construction Octos Construction Octos Construction Budget OMP Fees Ontoino 1- Subarros Division 1- General Requirements Division 2- Sourcete Division 3- Concrete Division 3- Concrete Division 5- Vincods, Plastics and Composites Division 5- Weatis Division 5- Weatis Division 5- Thermal and Moisture Protection Division 7- Thermal and Moisture Protection	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Site Acquisition Appraisal Fees Recording Fees Recording Fees Site Acquisition Subtotal Construction Oscily Fee OMP Fee OMP Fee OMP Fee OMP Fee OMP Fees OMP Construction	\$846,755 \$303,048
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Recording Fees Construction Octos Construction Octos Construction Octos Construction Octos Construction Budget OMP Fees Ontoino 1- General Requirements Division 2 - Subing Conditions Division 2 - Subing Conditions Division 3 - Concrete Division 6 - Words, Plastics and Composites Division 6 - Metals Division 6 - Words, Plastics and Composites Division 7 - Thermal and Moistrue Protection Division 8 - Openings Division 9 - Finishes	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Site Acquisition Appraisal Fees Recording Fees Recording Fees Recording Fees Site Acquisition Subtotal Construction Days Outper Outp	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Site Acquisition Aug/Ruiking Purchase Appraisal Fees Recording Fees Site Acquisition Subbotal Construction State Construction Corts Construction Con	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Record Rec	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Site Acquisition Site Acquisition Appraisal Fees Recording Fees Recording Fees Site Acquisition Subtotal Construction Oscily Fee OMP	\$846.755 \$303.049 \$160.599 \$63.244 \$1,333.528 \$50.873
Site Acquisition Site Acquisition Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Construction Oscilla OMP Fee OMP Fee OM	\$846,755 \$303,045 \$63,244 \$1,333,524 \$50,873 \$50,873 \$50,873 \$50,873
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording Fees Recording Fees Recording Fees Recording Fees Constructuon Costs Constructuon Costs Costs of Lander Constructuon Division 3 - Kanato Constructuon Division 6 - Viocods, Plastics and Composites Division 7 - Internal and Moisture Protection Division 1 - Separative Costs Division 1 - Separative Costs Division 1 - Separative Division 1 - First Suppression Division 2 - Hivegrand Automation	\$846,755 \$333,046 \$150,595 \$1,333,522 \$50,872 \$1,833,522 \$18,900 \$18,900 \$15,520
Site Acquisition Site Acquisition Site Acquisition Appraisal Fees Recording Fees Recording Fees Site Acquisition Subbotal Construction Corts Construction	\$846,755 \$333,046 \$150,595 \$1,333,522 \$50,872 \$1,833,522 \$18,900 \$18,900 \$15,520
Site Acquisition Site Acquisition Site Acquisition Appraisal Fees According Fees According Fees According Fees Construction Costs	\$846,755 \$333,046 \$150,595 \$1,333,522 \$50,872 \$1,833,522 \$18,900 \$18,900 \$15,520
Site Acquisition Land/Failufia Purchase Appraisal Fees Recording F	\$846,755 \$333,046 \$150,595 \$1,333,522 \$50,872 \$1,833,522 \$18,900 \$18,900 \$15,520
Site Acquisition Site Acquisition Aud/building Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Cost	\$846,755 \$333,046 \$150,595 \$1,333,522 \$50,872 \$1,833,522 \$18,900 \$18,900 \$15,520
Site Acquisition Land/Failufia Purchase Appraisal Fees Recording F	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$1,333,627 \$15,527 \$15,527 \$12,007
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos Construction Octos One December 2019 One D	\$846.755 \$303,046 \$160.595 \$63,244 \$1,333,526
Site Acquisition Site Acquisition Controlse Co	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$1,333,627 \$15,527 \$15,527 \$12,007
Site Acquisition Land/Faulding Purchase Appraisal Fees Recording fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos Construction Octos Oc	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$1,333,627 \$15,527 \$15,527 \$12,007
Site Acquisition Site Acquisition Site Acquisition Appraisal Fees According fees Appraisal Fees According fees Site Acquisition Subtotal Construction Constructio	\$846,757 \$303,048 \$160,595 \$1,333,245 \$1,333,255 \$19,307 \$19,307 \$19,200 \$11,527 \$12,007 \$1,007 \$1
Site Acquisition Site Acquisition Verchae Appraisal Fees Recording Fees Recording Fees Site Acquisition Subtotal Construction Costs Construction Costs Construction Budget GMP Fees GMP Energy Conditions Division 1 - General Requirements Division 1 - General Conditions Division 1 - General Conditions Division 1 - Specialities Division 1 - Frencher Division 2 - Internation Division 2 - Internation Division 2 - Internation Division 2 - Internation Division 3 - Estrevictual Division 3 - Estrevictual	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$1,333,627 \$15,527 \$15,527 \$12,007
Site Acquisition Site Acquisition Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Construction Costs Construction Costs Construction Costs Construction Budget OMP Fees OMP Fees OMP Costingency Division 1 - General Regutements Division 2 - Susting Conditions Division 3 - Concrete Division 1 - Construction Division 3 - Concrete Division 3 - Specialtes Division 1 - Convending Division 3 - Specialtes Division 1 - Specialtes Division 1 - Specialtes Division 1 - Specialtes Division 3 - Startier Automation Division 3 - Startier Improvements Division 3 - Exterricel Division 3 - Exterricel Division 3 - Startier Improvements Division 3	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$18,800 \$18,800 \$18,800 \$18,200 \$12,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,0000\$1000\$1
Site Acquisition Site Acquisition Verbase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Construction Costs Construction Budget GMP Fees GMP Energy Conditions Division 1 - General Requirements Division 1 - General Requirements Division 1 - General Conditions Division 3 - Marker Division 3 - Konter Conditions Division 4 - Macony Division 5 - Words, Plastica and Composites Division 6 - Words, Plastica and Composites Division 6 - Konds, Plastica and Composites Division 7 - Thermal and Molature Protection Division 1 - Supported Division 2 - First Supported Division 3 - Sufficient Call Division 3 - Sufficient Supported Division 3 - Sufficient Division Division 3 - Sufficient Di	\$846,757 \$303,048 \$160,595 \$1,333,245 \$1,333,255 \$19,307 \$19,307 \$19,200 \$11,527 \$12,007 \$1,007 \$1
Site Acquisition Site Acquisition Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Construction Costs Construction Costs Construction Costs Construction Budget CMP Fee Costingency Division 1 - General Regutements Division 2 - Susting Conditions Division 3 - Concrete Division 1 - Construction Division 3 - Concrete Division 3 - Specialtes Division 1 - Conving Systems Division 1 - Specialtes Division 2 - Prinzibrag Division 2 - Prinzibrag Division 2 - Specialtes Division 3 - Starting Division Alt 1: Maternates Maternates Subtotal <sup>3</sup> Specialtes Division 3 - Starting Division Division 3 - Starting Procee Mitter Speciel Division Division 3 - Starting Division Division 3 - Starting Procee Starting Speciel Modulars	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$18,800 \$18,800 \$18,800 \$18,200 \$12,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$10,0000\$1000\$1
Site Acquisition Land/Fulleling Purchase Appraisal Fees Recording fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos One Decempoint Office of Control One Decempoint Devision 1 - General Requirements Devision 2 - Susting Conditions Devision 3 - Concrete Devision 1 - Construction Devision 3 - Concrete Devision 3 - Special Construction Devision 3 - Specialtes Devision 1 - Conveying Devision 1 - Specialtes Devision 1 - Specialtes Devision 1 - Specialtes Devision 1 - Specialtes Devision 2 - Finansing Devision 2 - Finansing Devision 2 - Finansing Devision 2 - Finansing Devision 2 - Specialtes Devision 2 - Finansing Devision 2 - Sterriert Devision 2 - Electrical Devision 2 - Electrical Devision 3 - Devision 3 - Devision 3 - Devision 3 - Devision 3 -	\$446,757 \$303,048 \$160,595 \$1,333,245 \$1,333,257 \$10,507 \$15,527 \$12,007 \$1,007 \$1,0
Site Acquisition Site Acquisition Verbase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Construction Budget GMP Fees GMP Energy Conditions Division 1 - General Requirements Division 1 - General Requirements Division 1 - General Requirements Division 1 - General Conditions Division 3 - Katogen Division 3 - Katogen Division 4 - Masony Division 5 - Words, Plastica and Composites Division 6 - Words, Plastica and Composites Division 6 - Koots, Plastica and Composites Division 6 - Koots, Plastica and Composites Division 7 - Thermal and Molature Protection Division 1 - Supported Division 2 - Fina Suppression Division 3 - Entry Control Division 3 - Entry C	\$846,757 \$333,044 \$160,595 \$1,333,624 \$1,333,627 \$18,800 \$18,800 \$18,800 \$18,200 \$12,000 \$1,0000\$1000\$1000\$1000\$1000\$1000\$10
Site Acquisition Land/Fulleling Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos One Pee Octos One Pee Octos O	\$446,757 \$303,048 \$160,595 \$1,333,245 \$1,333,257 \$10,507 \$15,527 \$12,007 \$1,007 \$1,0
Site Acquisition Site Acquisition Verbase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Costs Construction Octos GMP Fees GMP Energy Conditions GMP Energy Conditions Division 1 - General Requirements Division 1 - General Requirements Division 3 - Concrete Division 5 - Words Division 5 - Words Division 5 - Words Division 5 - Division 5 - Words Division 5 - Concrete Division 6 - Concrete Division 6 - Concrete Division 7 - Thermal and Maisture Protection Division 1 - Expression Division 1 - Expression Division 1 - Converging System Division 1 - Converging System Division 2 - Funders Division 2 - Structurel Division 2 - Struc	\$446,757 \$303,048 \$160,595 \$1,333,245 \$1,333,257 \$10,507 \$15,527 \$12,007 \$1,007 \$1,0
Site Acquisition Land/Fulleling Purchase Appraisal Fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos One Pee Octos One Pee Octos O	\$446,757 \$303,048 \$160,595 \$1,333,245 \$1,333,257 \$10,507 \$15,527 \$12,007 \$1,007 \$1,0
Site Acquisition Land/Fuilding Purchase Appraisal Fees Recording fees Recording fees Recording fees Site Acquisition Subtotal Construction Octos Construction Octos Construction Octos Construction Octos Oc	\$140.501 \$18.200 \$18.200 \$18.200 \$18.200 \$18.200 \$18.200 \$19.2000\$1000\$1000\$1000\$1000\$1000\$1000\$1000

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t \$3,110,7	Project Budget	\$3,110,723
e	Scope Items Excluded or Otherwise Ineligible	\$0
<sup>1</sup> \$3,110,7	Basis of Estimated Total Facilities Grant <sup>1</sup>	\$3,110,723
e 47.03	Reimbursement Rate	47.03%
1 \$1,462,9	Estimated Maximum Total Facilities Grant <sup>1</sup>	\$1,462,973

Total Project Budget	\$3.264.968
Maximum Total Facilities Grant	\$1,535,514
Potential Additional Contingency Grant Funds <sup>2</sup>	\$72,541
Reimbursement Rate	47.03%
Total Potentially Eligible Contingency <sup>2</sup>	\$154,245
Potentially Eligible Owner's Contingency <sup>2</sup>	\$14,022
Potentially Eligible Construction Contingency <sup>2</sup>	\$140,223
Total Owner's Contingency <sup>2</sup>	\$14,022
Total Construction Contingency	\$140,223