



**PERKINS —
EASTMAN**

Photo courtesy of TripAdvisor



DENNIS-YARMOUTH SCHOOL PROJECT

**THE DYIMS SCHOOL BUILDING
COMMITTEE**

September 17, 2020



PMA Consultants



AGENDA

Meeting Minutes

Overview of Meeting Agenda

Old Business

- a) 60% Design
 - Estimate Reconciliation Overview
 - Value Management Process (“Live” Exercise)
 - Authorization to Submit 60% CD to MSBA (VOTE)
- b) Key Dates/Next Steps
 - 90% Construction Document Workplan
 - Structural Peer Review Proposals
- c) Cashflow Update
- d) Master Project Schedule Update

New Business

Public Comment Period

| DYIMS Project - 60% CD Estimate Reconciliation | | | | | | |
|--|-----|-------------------------------|---|----------------------|---------------------|-----------------|
| | | | | RECONCILED | | |
| Division # | | Description of Work | | PM&C 60% Estimate | AMF 60% Estimate | Estimate VAR |
| A | | Substructure | | | | |
| | A10 | | Foundations | \$ 5,665,025 | \$ 5,608,724 | -1.00% |
| B | | Shell | | | | |
| | B10 | | Superstructure | \$ 5,560,706 | \$ 5,815,401 | 4.38% |
| | B20 | | Exterior Enclosure | | | |
| | | B2010 | Exterior Walls | \$ 8,604,894 | \$ 8,584,694 | -0.24% |
| | | B2020 | Exterior Windows | \$ 3,417,525 | \$ 3,264,328 | -4.69% |
| | | B2030 | Exterior Doors | \$ 458,160 | \$ 462,557 | 0.95% |
| | B30 | | Roofing | \$ 3,478,433 | \$ 3,543,890 | 1.85% |
| C | | Interiors | | | | |
| | C10 | | Interior Construction | \$ 8,140,573 | \$ 8,175,383 | 0.43% |
| | C20 | | Stairs | \$ 450,783 | \$ 434,598 | -3.72% |
| | C30 | | Interior Finishes | \$ 6,754,944 | \$ 6,738,221 | -0.25% |
| D | | Services | | | | |
| | D10 | | Conveying (Elevator) | \$ 267,000 | \$ 275,720 | 3.16% |
| | D20 | | Plumbing | \$ 3,182,535 | \$ 3,139,934 | -1.36% |
| | D30 | | HVAC | \$ 9,396,025 | \$ 9,487,395 | 0.96% |
| | D40 | | Fire Protection | \$ 1,119,705 | \$ 1,110,174 | -0.86% |
| | D50 | | Electrical | \$ 6,815,380 | \$ 7,072,724 | 3.64% |
| E | | Furnishings & Fixed Equipment | | | | |
| | | | Commercial Equipment | \$ 1,356,080 | \$ 1,311,446 | -3.40% |
| | | | Fixed Furnishings | \$ 1,872,912 | \$ 1,836,511 | -1.98% |
| Building Subtotal | | | | \$66,540,680 | \$66,861,700 | 0.48% |
| G | | Building Sitework | | | | |
| | G10 | | Site Preparation | \$ 2,947,682 | \$ 2,818,398 | -4.59% |
| | G20 | | Site Improvements | \$ 5,872,625 | \$ 5,852,441 | -0.34% |
| | G30 | | Site Civil/Mechanical | \$ 2,405,382 | \$ 2,394,227 | -0.47% |
| | G40 | | Site Electrical Utilities | \$ 682,070 | \$ 704,642 | 3.20% |
| Direct Costs Subtotal | | | | \$78,448,439 | \$78,631,408 | 0.23% |
| Z | | Mark-Ups | | | | |
| | | | Contingencies (Design and Pricing) | \$ 2,353,453 | \$ 2,358,942 | |
| | | | D/B/B Sub-Contractor Bonds | \$ 827,631 | \$ 813,754 | |
| | | | D/B/B Insurance | \$ 1,034,539 | \$ 1,072,140 | |
| | | | D/B/B General Conditions | \$ 5,793,417 | \$ 6,329,902 | |
| | | | D/B/B Overhead & Profit | \$ 2,717,661 | \$ 2,285,023 | |
| | | | Escalation to Mid-Point of Construction | \$ 1,961,211 | \$ 2,024,759 | |
| | | | Trade Permit Fees | \$ 170,000 | \$ 170,000 | |
| Construction Subtotal | | | | \$93,306,351 | \$93,685,928 | 0.41% |
| | | | | | | |
| Total Construction Cost | | | | \$93,306,351 | \$93,685,928 | 0.41% |
| | | | | | | |

ESTIMATE RECONCILIATION OVERVIEW

MSBA Authorized Construction Budget at PFA: \$93,744,492

Estimate of Record (PM&C Pre VM): \$93,306,351
Delta: (\$438,141)

Check Estimate (AMF): \$93,685,928
Delta: (\$58,564)

VALUE MANAGEMENT PROCESS

“Live” Exercise

AUTHORIZATION TO SUBMIT

**Vote to Approve 60% CD Package to
MSBA**

KEY DATES/NEXT STEPS

| | |
|---------------------|--|
| 05May20: | Design Development Submission to MSBA |
| 22Sep20: | 60% Design Submission to MSBA |
| 20Nov20: | 90% Design Submission to MSBA |
| 13Jan21: | 100% Construction Documents Complete |
| 14Jan21 -> 17Feb21: | Bidding (added one week to durations due to holiday) |
| 22Feb21 -> 05Mar21: | Contracts executed & construction permitting (SWPPP, NOI, CGP permitting, etc) |
| TBD: | New Building Substantially Complete |
| TBD: | Punchlist & Commissioning |
| TBD: | Furnishings, Equipment, Technology Installation |
| TBD: | Ready for Occupancy |

90% CONSTRUCTION DOCUMENT WORKPLAN

| Date | Time | Location | Activity | Description/Comment | Responsible Parties |
|-------------------------------------|----------------|------------------------|--|---|----------------------------------|
| Thursday, September 17, 2020 | 4:30PM | Virtual Meeting | Building Committee Meeting | 60% VM meeting and Vote to Submit | Arch/District/OPM |
| Tuesday, September 22, 2020 | | | 60% CD Submission to MSBA | | |
| Tuesday, September 22, 2020 | 1:30-3:00 PM | Virtual Meeting | Informal (preliminary) Site plan Review | Preliminary site plan review focussing on zoning, including fire, health etc. | Yarmouth Inspectional Services |
| Tuesday, October 6, 2020 | 1:30-3:00 PM | Virtual Meeting | Civil/site/landscape review meeting with DY facilities | Review CD status, Finalize open site design issues with Facilities Director | Arch/Civil/Landscape/District |
| Thursday, October 8, 2020 | 10:00-11:30 AM | Virtual Meeting | Interior Design Focus (final interior finishes presentation) | Review finish plans, sample boards, color schemes, renderings | Arch/District/ELT |
| Friday, October 9, 2020 | COB | | Submit Plans for Formal Site Plan review | | Yarmouth Inspectional Services |
| Tuesday, October 13, 2020 | 10:00-11:30 AM | Virtual Meeting | Update - Security Focus Groups, Police, EMS, IT | Final Review of overall security design | Arch/EE/Security Cons./District |
| Wednesday, October 14, 2020 | 2:00-3:00 PM | Virtual Meeting | Campus-wide athletic fields focus/follow up | Follow-up meeting on athletic fields -- obtain final sign offs | Arch/Landscape/District |
| Thursday, October 15, 2020 | 2:00-3:00 PM | Virtual Meeting | Review of casework and built-ins for classrooms | Obtain final sign offs for manufactured casework | P-L-S/Arch/plumbing/District/ELT |
| Tuesday, October 20, 2020 | 1:30-3:00 PM | Virtual Meeting | Site plan Review (tentative) | Formal Site plan review including fire department, health department | Yarmouth Inspectional Services |
| Wednesday, October 21, 2020 | TBD | | Submit NOI (BRP WPA Form 3) | | Conservation Comm. + MA DEP |
| Tuesday, October 20, 2020 | | | 90% CD Drawings to Estimators | | |
| Friday, November 6, 2020 | | | 90% CD Estimates Due | | |
| Tuesday, November 10, 2020 | 9:00 AM | Virtual Meeting | 90% CD Estimate Reconciliation Meeting | | Estimators/OPM |
| Tuesday, November 10, 2020 | TBD | | Submit Plans for Zoning Review | | Yarmouth Zoning Board |
| Thursday, November 19, 2020 | 4:30PM | Virtual Meeting | Building Committee Meeting | 90% VM meeting and Vote to Submit | Arch/District/OPM |
| Tuesday, November 24, 2020 | | | 90% CD Submission to MSBA | | |
| Tuesday, December 15, 2020 | TBD | Virtual Meeting | NOI process public hearing to solicit public comments | | Conservation Comm. + MA DEP |
| Tuesday, December 22, 2020 | TBD | Virtual Meeting | Zoning hearing #1 - present plans | | Yarmouth Zoning Board |
| Tuesday, January 5, 2021 | TBD | Virtual Meeting | Zoning hearing #2 - approvals | | Yarmouth Zoning Board |

STRUCTURAL PEER REVIEW PROPOSALS

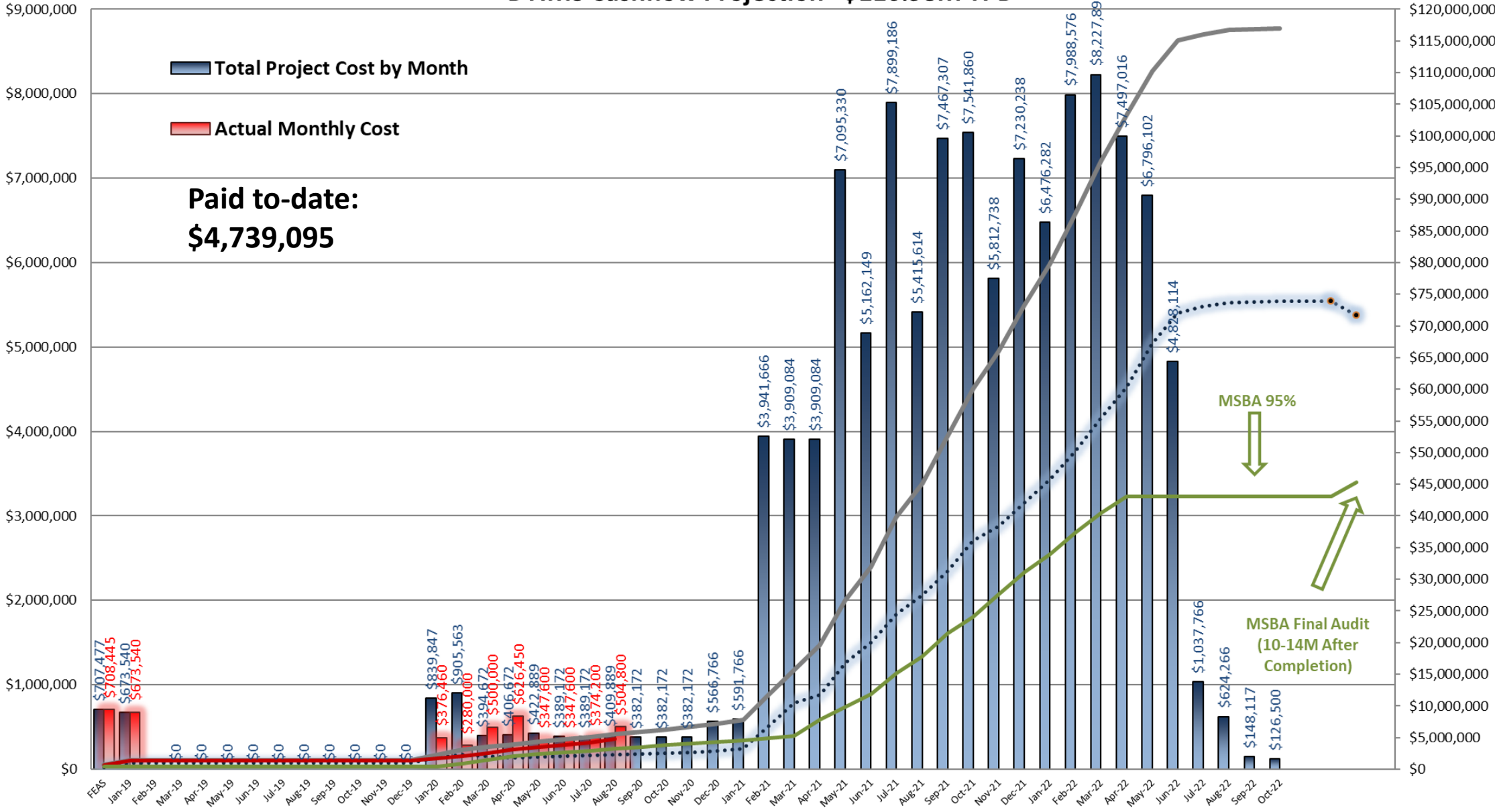
5 Proposals Received:

- LeMessurier
- RSV
- ST&P
- MacSal
- **DM Berg**

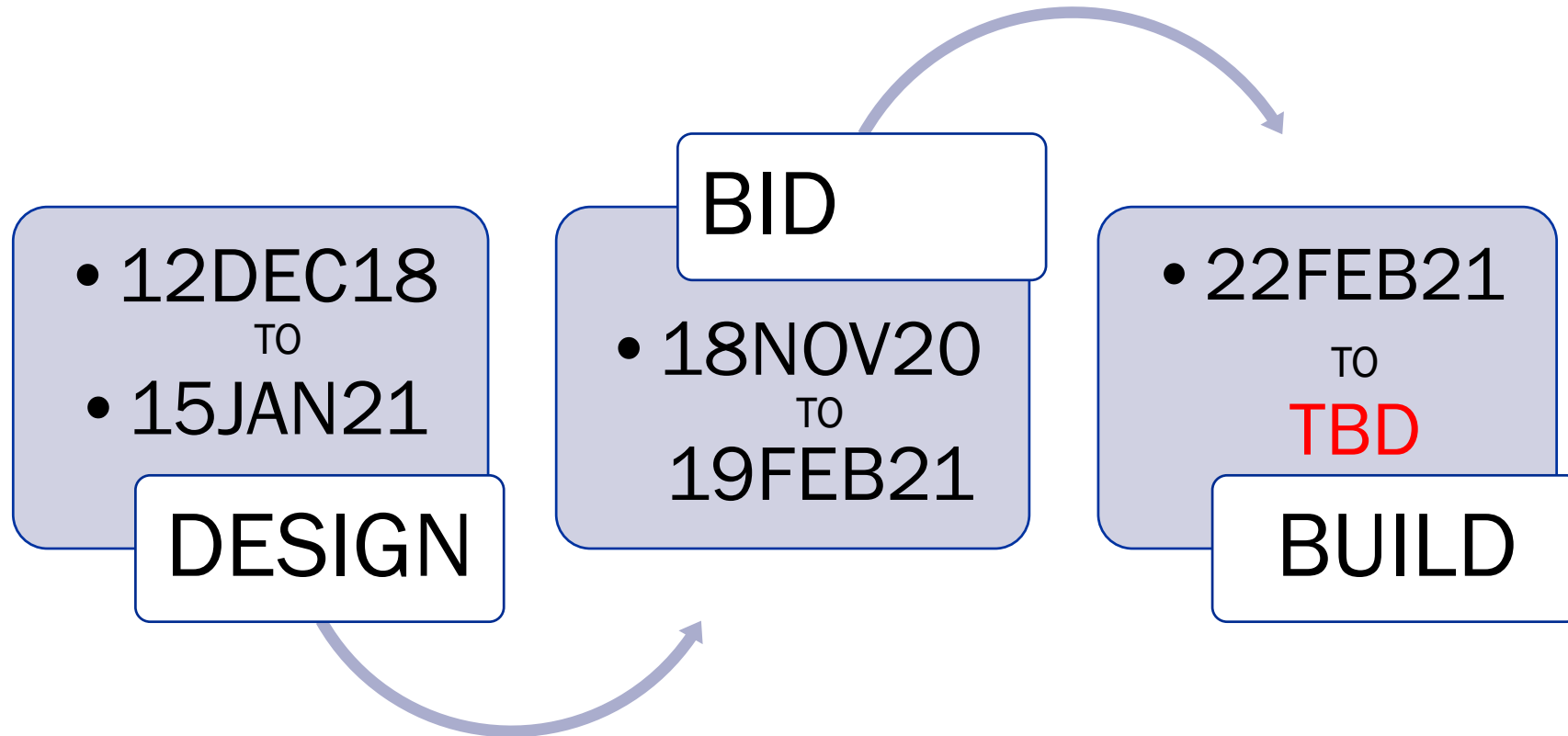
| | SF | % of Total | Project Amount | |
|------------------------|---------|------------|----------------|----------|
| Dennis Yarmouth MS | 186,500 | 26.80% | \$ | 2,573.17 |
| Easton ES | 148,422 | 21.33% | \$ | 2,047.79 |
| Rockland ES | 120,672 | 17.34% | \$ | 1,664.92 |
| Sharon HS | 240,204 | 34.52% | \$ | 3,314.12 |
| DM Berg Contract Value | | 100.00% | \$ | 9,600.00 |

PROJECT CASHFLOW

DYIMS Cashflow Projection - \$116.98M TPB



MASTER PROJECT SCHEDULE UPDATE



PROJECT SCHEDULE UPDATE

DD

- Mar 30, 2020 – Estimate Set Due
- Apr 26, 2020 – Estimate Reconciliation Meeting
- Apr 30, 2020 – SBC VM Meeting and Vote to Submit
- May 07, 2020 – DD Submission to MSBA

60%

- Aug 18, 2020 – Estimate Set Due
- Sept 10, 2020 – Estimate Reconciliation Meeting
- Sept 17, 2020* – SBC VM Meeting and Vote to Submit (*tentative date to be confirmed)
- Sept 22, 2020 – **60% Submission to MSBA**

90%

- Oct 20, 2020 – Estimate Set Due
- Nov 10, 2020 – Estimate Reconciliation Meeting
- Nov 19, 2020* – SBC VM Meeting and Vote to Submit (*tentative date to be confirmed)
- **Nov 24, 2020 – 90% Submission to MSBA**

- New Business
- Public Comment Period
- Motion to Adjourn

THANK YOU



**PERKINS —
EASTMAN**

Photo courtesy of TripAdvisor



DENNIS-YARMOUTH SCHOOL PROJECT

**THE DYIMS SCHOOL BUILDING
COMMITTEE**



PMA Consultants