Monthly Project Update Report

May 2019

<table>
<thead>
<tr>
<th>FS/SD</th>
<th>DD</th>
<th>CD</th>
<th>Bidding</th>
<th>Construction</th>
<th>Closeout</th>
</tr>
</thead>
</table>

AMESBURY ELEMENTARY SCHOOL

Amesbury, MA
EXECUTIVE SUMMARY

The Schematic Design was ongoing throughout the month of May 2019. The Project Team began meeting with Amesbury Foodservice team to review the design and to better define the needs of the future users and educational programs. The Project Team also met with Cashman Abutters to discuss how the Project will affect them during and after construction. NV5 and DiNisco continue to hold Working Group Meetings with the District and City representatives on an as-needed basis but at minimum bi-weekly. NV5 and DiNisco will conduct Design Review Meetings with abutters to the existing Cashman site, as well as the various Municipal Departments.

TASKS COMPLETED THIS MONTH

The following tasks were accomplished in this month:

- 05/02/19 – Working Group Meeting #25
- 05/09/19 – Working Group Meeting #26
- 05/14/19 – Foodservice Design Meeting
- 05/14/19 – Meeting w/ Cashman Abutters
- 05/23/19 – Design Team meeting with New Amesbury Elementary School Principal
- 05/23/19 – Amesbury School Building Committee Meeting
- The Public Vote schedule was finalized.

TASKS ANTICIPATED NEXT MONTH

The following tasks are planned for the next month:

- SD Estimates Complete – 6/10/19
- Cost Reconciliation – 6/12/19
- 06/13/19 – Working Group Meeting #27
- 06/17/19 – Community Forum #6

PROJECT BUDGET

The status of the Feasibility Study Budget is as outlined below. Expenditures and budget transfers are indicated.

<table>
<thead>
<tr>
<th>LINE ITEM</th>
<th>BUDGET</th>
<th>CHANGES</th>
<th>REV BUDGET</th>
<th>COMMITTED</th>
<th>SPENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner’s Project Manager</td>
<td>$200,000</td>
<td>($11,992)</td>
<td>$188,008</td>
<td>$180,030</td>
<td>$175,030</td>
</tr>
<tr>
<td>Designer</td>
<td>$600,000</td>
<td>$0</td>
<td>$600,000</td>
<td>$600,000</td>
<td>$400,001</td>
</tr>
<tr>
<td>Environmental &amp; Site</td>
<td>$100,000</td>
<td>$11,992</td>
<td>$111,992</td>
<td>$111,992</td>
<td>$102,982</td>
</tr>
<tr>
<td>Other</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$900,000</strong></td>
<td><strong>$0</strong></td>
<td><strong>$900,000</strong></td>
<td><strong>$892,022</strong></td>
<td><strong>$678,013</strong></td>
</tr>
</tbody>
</table>

NOTE: Line Item Budget to be created and included in monthly reports after Schematic Design.

PROJECT PRELIMINARY MILESTONE SCHEDULE

The following tasks and dates are key milestones for the project:

- Estimating Set Complete – 05/20/19
- SD Estimates Complete – 6/10/19
- Cost Reconciliation – 6/11/19
- Submission of Schematic Design – 07/10/19
- MSBA Board Meeting – 08/28/19
Schematic Design Cost Estimate Reconciliation

AMESBURY ELEMENTARY SCHOOL: Amesbury, MA

G20 SITE IMPROVEMENTS 4,086,886$  41.62$ 3,976,454$  4 0.50$ 110,432$  1.12$

G10 SITE PREPARATION 1,393,930$  14.20$ 944,573$  9.62$ 449,357$  4.58$

G50 OTHER SITE CONSTRUCTION ‐$ ‐$ ‐$ ‐$ ‐$ ‐$

B10 EXTERIOR CLOSURE 4,813,108$  49.02$ 4,709,550$  47.96$ 103,558$  1.05$

A20 BASEMENT CONSTRUCTION ‐$ ‐$ ‐$ ‐$ ‐$ ‐$

B30 ROOFING 974,991$  9.93$ 1,057,485$ 10.77$ (82,494)$ (0.84)$

C20 INTERIOR FINISHES 2,709,297$  27.59$ 2,742,181$  27.93$ (32,884)$ (0.33)$

C10 INTERIOR CONSTRUCTION 3,859,857$  39.31$ 3,888,616$  39.60$ (28,759)$ (0.29)$

D20 PLUMBING 1,625,965$  16.56$ 1,625,965$  16.56$ ‐$ ‐$ ‐$

D30 HVAC 4,925,032$  50.16$ 5,045,602$  51.38$ (120,570)$ (1.23)$

E10 EQUIPMENT 607,648$  6.19$ 604,195$  6.15$ ‐$ ‐$ ‐$

F10 SPECIAL CONSTRUCTION ‐$ ‐$ ‐$ ‐$ ‐$ ‐$

E20 FURNISHINGS 1,393,930$  14.20$ 944,573$  9.62$ 449,357$  4.58$

F20 SELECTIVE BUILDING DEMOLITION ‐$ ‐$ ‐$ ‐$ ‐$ ‐$

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G20 SITE IMPROVEMENTS 4,086,886$  41.62$ 3,976,454$  4 0.50$ 110,432$  1.12$

G30 SITE MECHANICAL UTILITIES 1,447,039$  14.74$ 1,664,700$  16.95$ (217,661)$ (2.23)$

G10 SITE PREPARATION 1,393,930$  14.20$ 944,573$  9.62$ 449,357$  4.58$

G40 SITE ELECTRICAL UTILITIES 906,882$  9.24$ 845,750$  8.61$ 61,132$  0.64$

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## Schematic Design Cost Estimate Reconciliation

**AMESBURY ELEMENTARY SCHOOL: Amesbury, MA**

### Amesbury Elementary School New Construction on Cashman Elementary School Site

6/13/2019

<table>
<thead>
<tr>
<th></th>
<th>Total Amount</th>
<th>Cost/SF</th>
<th>Total Amount</th>
<th>Cost/SF</th>
<th>Total Amount</th>
<th>Cost/SF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARCH Estimator (AM Fogarty)</strong></td>
<td></td>
<td></td>
<td><strong>OPM Estimator (PM &amp; C)</strong></td>
<td></td>
<td><strong>Variance (AM Fogarty - PM&amp;C)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL CONSTRUCTION COSTS (DDB)</strong></td>
<td>1.01%</td>
<td>$39,046,926</td>
<td>$397.65</td>
<td>$38,574,133</td>
<td>$392.83</td>
<td>$472,793</td>
</tr>
<tr>
<td>Design &amp; Estimating Contingency (8%)</td>
<td>$3,123,754</td>
<td>31.81</td>
<td>$3,085,931</td>
<td>31.43</td>
<td>$37,823</td>
<td>0.39</td>
</tr>
<tr>
<td>General Conditions</td>
<td>$2,618,799</td>
<td>26.67</td>
<td>$2,640,000</td>
<td>26.89</td>
<td>$21,201</td>
<td>(0.22)</td>
</tr>
<tr>
<td>General Requirements</td>
<td>$925,309</td>
<td>-</td>
<td>$862,518</td>
<td>8.78</td>
<td>$62,791</td>
<td>(8.78)</td>
</tr>
<tr>
<td>Bonds</td>
<td>$825,838</td>
<td>8.41</td>
<td>$776,266</td>
<td>7.91</td>
<td>$49,572</td>
<td>0.50</td>
</tr>
<tr>
<td>Insurances (incl above for AM Fogarty)</td>
<td>-</td>
<td>-</td>
<td>$431,259</td>
<td>4.39</td>
<td>$431,259</td>
<td>(4.39)</td>
</tr>
<tr>
<td>Overhead &amp; Profit</td>
<td>$960,332</td>
<td>9.78</td>
<td>$1,435,078</td>
<td>14.61</td>
<td>$474,746</td>
<td>(4.83)</td>
</tr>
<tr>
<td>Escalation (3.5% - 3.8%)</td>
<td>$1,475,974</td>
<td>15.03</td>
<td>$1,465,817</td>
<td>14.93</td>
<td>$10,157</td>
<td>0.10</td>
</tr>
<tr>
<td><strong>TOTAL ESTIMATED COSTS (DDB)</strong></td>
<td>0.99%</td>
<td>$48,976,932</td>
<td>$498.77</td>
<td>$49,271,002</td>
<td>$501.77</td>
<td>(294,070)</td>
</tr>
</tbody>
</table>

### VALUE ENGINEERING ITEMS

<table>
<thead>
<tr>
<th><strong>VALUE ENGINEERING ITEMS</strong></th>
<th><strong>Total Amount</strong></th>
<th><strong>Cost/SF</strong></th>
<th><strong>ACCEPT</strong></th>
<th><strong>DECLINE</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Change Idea Paint to Markerboards (5’x16’)</td>
<td>$25,000</td>
<td>0.25</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>2 Change from Mud Set to Thin Set in Gang Toilet Rooms</td>
<td>$25,000</td>
<td>0.25</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>3 Change from Heavy Duty LCT to Standard LCT</td>
<td>$30,000</td>
<td>0.31</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>4 Change from LCT to VCT</td>
<td>$224,000</td>
<td>2.28</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>5 Revise Clouds in Project Areas</td>
<td>$50,000</td>
<td>0.51</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>6 Change from Gypsum Board Soffit to ACT in Project Areas</td>
<td>$15,000</td>
<td>0.15</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>7 Eliminate Network Connection to Cashman ES</td>
<td>$74,000</td>
<td>0.75</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>8 Eliminate Pedestrian Bridge</td>
<td>$60,000</td>
<td>0.61</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>9 Eliminate 1/2 of the Landscape Benches</td>
<td>$38,000</td>
<td>0.39</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>10 Reduce Plantings</td>
<td>$50,000</td>
<td>0.51</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>11 Eliminate 1 of the 2 Sinks in the Classrooms</td>
<td>$50,000</td>
<td>0.51</td>
<td></td>
<td>Y</td>
</tr>
<tr>
<td>12 Replace Metal Panels with Brick in Stair A</td>
<td>$50,000</td>
<td>0.51</td>
<td></td>
<td>Y</td>
</tr>
</tbody>
</table>

**TOTAL OF ALL VALUE ENGINEERING ITEMS** | $691,000 | 7.04 | | Y |

**The list of Value Engineering items identified will not be accepted at this time but will be held in reserve should they be necessary as design and costs are further developed and refined.**
## Total Project Budget

** Amesbury, MA  
Amesbury Elementary School  
School Building Committee Reviewed on: 6/20/2019**

### Total Project Budget

Amesbury, MA

Amesbury Elementary School

School Building Committee Reviewed on: 6/20/2019

<table>
<thead>
<tr>
<th>Total Project Budget</th>
<th>Estimated Budget</th>
<th>Scope Items Excluded from the Estimated Basis of Maximum Facilities Grant or Otherwise Ineligible</th>
<th>Estimated Basis of Maximum Total Facilities Grant1</th>
<th>Estimated Maximum Total Facilities Grant1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feasibility Study Agreement</td>
<td>$200,000</td>
<td>$0</td>
<td>$200,000</td>
<td></td>
</tr>
<tr>
<td>AM &amp; Feasibility Study</td>
<td>$600,000</td>
<td>$0</td>
<td>$600,000</td>
<td></td>
</tr>
<tr>
<td>Environmental Site</td>
<td>$100,000</td>
<td>$0</td>
<td>$100,000</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>$90,000</td>
<td>$0</td>
<td>$90,000</td>
<td></td>
</tr>
<tr>
<td>Feasibility Study Agreement Subtotal</td>
<td>$900,000</td>
<td>$0</td>
<td>$900,000</td>
<td>$530,820</td>
</tr>
</tbody>
</table>

### Administration

Legal Fees: $0

Owner's Project Manager

Design Development $180,000
Consortium Contract Documents $390,000
Bidding (2 Phases) $100,000
Construction Contract Administration $900,000
Closeout $74,183
Extra Services $0
Remarshul & Other Services $0
Cost Estimates $48,000
Advertising $25,000
Permitting $0
Owner's Insurance $0
Other Administrative Costs $25,000

Administration Subtotal $1,612,193

### Architecture and Engineering

Basic Services

Design Development $810,000
Consortium Contract Documents $1,980,000
Bidding (2 Phases) $147,000
Construction Contract Administration $1,225,000
Closeout $95,693
Other Basic Services $0

Basic Services Subtotal $4,297,693

Reimbursable Services

Construction Testing $0
Printing (over minimum) $1,000
Other Reimbursable Costs $105,000
Hazardous Materials $0
Geotech & Geo-Env. $100,000
Site Survey $30,000
Wetlands $45,000
Traffic Studies $15,000

Architectural/Engineering Subtotal $4,597,693

CM & Risk Preconstruction Services

Pre-Construction Services $0
Site Acquisition

Land / Building Purchase $0
Appraisal Fees $0
Recording fees $0

Site Acquisition Subtotal $0

Construction Costs

SUBSTRUCTURE

Foundations $1,751,786
Basement Construction $0

SHELL

Superstructure $3,957,302
Exterior Closure $0
Exterior Walls $3,404,385
Exterior Windows $1,312,996
Exterior Doors $95,722

INTERIORS

Interior Construction $3,859,857
Staircases $327,500
Interior Finishes $2,709,297

SERVICES

Conveying Systems $174,000
Plumbing $1,625,965
HVAC $4,925,032
Fire Protection $476,381
Electrical $3,639,616

EQUIPMENT & FURNISHINGS

Equipment $607,648
Furnishings $1,369,707

SPECIAL CONSTRUCTION & DEMOLITION

Special Construction $0
Existing Building Demolition $0
In-Kind Hazardous Material Abatement $0
Asbestos Cont'd Floor Mat'l Abatement $0
Other Hazardous Material Abatement $0

BUILDING SITEWORK

Site Preparation $1,393,939
Site Improvements $4,089,889
Site Civil / Mechanical Utilities $1,441,099
Site Electrical Utilities $606,881

Other Site Construction $0

Other Site Construction $0

Scope Excluded Site Cost $5,337,761

Construction Trades Subtotal $39,046,926

Contingencies (Design and Pricing) $3,123,754
D/B/B - Sub-Contractor Bonds & Insurances $625,838
D/B/B Insurance $0
D/B/B General Conditions/Requirements $3,544,108
Unforeseen Cont'g & Profiit $960,334
GMP Insurance $0
GMP Fee $0
GMP Contingency $0
Escalation to Mid-Point of Construction $3,175,974
Overall Excluded Construction Cost $9,582,792

Construction Budget $48,976,932

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### Total Project Budget

**Amesbury, MA**

**Amesbury Elementary School**

**School Building Committee Reviewed on:** 6/20/2019

<table>
<thead>
<tr>
<th>Alternates</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ineligible Work Included in the Base Project</td>
<td>$0</td>
</tr>
<tr>
<td>Alternates Included in the Total Project Budget</td>
<td>$0</td>
</tr>
<tr>
<td>Alternates Excluded from the Total Project Budget</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Miscellaneous Project Costs</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Company Fees</td>
<td>$100,000</td>
</tr>
<tr>
<td>Testing Services</td>
<td>$125,000</td>
</tr>
<tr>
<td>Swing Space / Modulars</td>
<td>$0</td>
</tr>
<tr>
<td>Other Project Costs (Mailing &amp; Moving)</td>
<td>$100,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Costs Subtotal</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Misc. Project Costs Subtotal</td>
<td>$325,000</td>
</tr>
<tr>
<td>Furnishings and Equipment</td>
<td>$321,325</td>
</tr>
<tr>
<td>Technology</td>
<td>$510,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Miscellaneous Project Costs</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF&amp;E Subtotal</td>
<td>$1,438,936</td>
</tr>
<tr>
<td>Soft Costs that exceed 20% of Construction Cost</td>
<td>$0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project Budget</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>$57,850,754</td>
<td>$16,696,933</td>
</tr>
<tr>
<td>$41,153,821</td>
<td>$24,272,524</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Board Authorization</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design Enrollment</td>
<td>425</td>
</tr>
<tr>
<td>Total Building Gross Floor Area (GSF)</td>
<td>98,195</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Basis of Maximum Total Facilities Grant</th>
<th>Estimated Maximum Total Facilities Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>$41,153,821</td>
<td>$24,272,524</td>
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**Total Project Budget ($):**

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<th>Estimated Budget</th>
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</tr>
<tr>
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<td>$24,272,524</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>City Share</th>
<th>Estimated Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>$35,721,881</td>
<td>$36,241,046</td>
</tr>
</tbody>
</table>

NOTES

1. Does not include any potentially eligible contingency funds and is subject to review and audit by the MSBA.

2. The proposed demolition of the _____ School is expected to result in the MSBA recovering a portion of state funds previously paid to the District for the ____ project at the existing facilities completed in ___. The MSBA will perform an independent analysis based on a review of information and estimates provided by the District for the proposed school project that may or may not agree with the estimated cost recovery generated by the District and its consultants using this template.

3. Pursuant to Section 3.20 of the Project Funding Agreement and the applicable policies and guidelines of the Authority, any project costs associated with the reallocation or transfer of funds from either the Owner's contingency or the Construction contingency to other budget line items shall be subject to review by the Authority to determine whether any such costs are eligible for reimbursement by the Authority. All costs are subject to review and audit by the MSBA.

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