

SCHOOL BUILDING COMMITTEE

MEETING MINUTES

MARCH 30, 2011

1.) Co-Chairman Higgins called the joint meeting with the Board of Selectmen to order at 6:00 PM at the UHS Library.

<u>Members</u>	<u>Position</u>	<u>Present</u>	<u>Absent</u>
Dan Deveau	Co-Chairman	X	
Mike Legendre		X	
John Higgins	Co-Chairman	X	
Eugene O'Rourke			X
Jeff Stewart	Secretary		X
Don Sawyer	Vice Chairman	X	
Kevin Kuros		X	
Jane Keegan		X	
Bruce Desilets		X	
Ed Maharay			X
Dennis Ryan		X	
<u>Non-Voting</u>			
Mike Szlosek	Town Manager	X	
George Zini	Superintendent	X	
Tara Bennett	UHS Principal	X	
Jeff Luxenberg	Joslin Lesser	X	
David Krawitz	Joslin Lesser	X	
Bill McNally	Joslin Lesser		X
Gene Raymond	Raymond Design	X	
Jeff Yost	Raymond Design	X	
Leslie Fanger	BSC Group		X
Tony Miliote	Shawmut	X	
Luke Grady	Shawmut	X	
Jonathon Morini	Shawmut	X	
Peter L'Hommedieu	Shawmut	X	
Josiah Herbert	Shawmut	X	

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2.) Pledge of Allegiance

3.) Public Comment – None

- 4.) **Discussion and Approval of Final GMP:** David Krawitz, Joslin Lesser & Associates, provided the Committee with an update on the bidding process and project bids received on February 17, 2011 along with the process to enter into a GMP (Guaranteed Maximum Price) contract with the Construction Manager at Risk, Shawmut Design and Construction. (copy of 3/28/11 memo, Subject: "GMP: Uxbridge High School", attached to these minutes)

MSDV by SBC Vice Chairman Sawyer, seconded by SBC Co-Chairman Deveau, that Committee approve a budget transfer totaling \$796,012 from Construction Contingency to Construction. The **VOTE** was UNANIMOUS.

MSDV by SBC Vice Chairman Sawyer, seconded by SBC Co-Chairman Deveau, that Committee approve Amendment #2 titled "Construction Contract for Construction Manager at Risk Services" totaling \$25,180,437.00 increasing the total construction budget to \$35,265,819.00 and recommend to the Board of Selectmen to execute contract Amendment #2. The **VOTE** was UNANIMOUS. (copy of "Amendment #2" attached to these minutes)

- 5.) **Approval of Testing Services Commitments:** David Krawitz, Joslin Lesser & Associates, provided the Committee with information on Testing Services for concrete, masonry, and steel required on construction projects and an update on the bidding and award process for these testing services. . (copy of 3/28/11 memo, Subject: "Testing Services: Uxbridge High School", attached to these minutes)

MSDV by SBC Member Keegan, seconded by SBC Member Legendre, that Committee approve and award Structural Steel and Precast Plank Inspection and Testing services totaling \$9,610.00 to UTS of Massachusetts. The **VOTE** was UNANIMOUS.

MSDV by SBC Member Legendre, seconded by SBC Member Keegan, that Committee approve and award Masonry Testing services totaling \$6,980.00 to UTS of Massachusetts. The **VOTE** was UNANIMOUS.

MSDV by SBC Member Keegan, seconded by SBC Member Legendre, that Committee approve and award Concrete Rebar Inspection and Material Testing services totaling \$23,480.00 to UTS of Massachusetts. The **VOTE** was UNANIMOUS.

6.) **Approval of Invoices:**

MSDV by SBC Vice-Chairman Sawyer, seconded by Co-Chairman Deveau, that Committee approve BFS Business Printing Invoices #'s 587179 totaling \$3,823.66, 587590 totaling \$1,098.30, 587591 totaling \$249.27, 587592 totaling \$188.27, 587593 totaling \$139.29, 587594 totaling \$1,050.32, 587595 totaling \$4,204.31, 587596 totaling \$2,102.16, 587597 totaling \$1,050.24, 587598 totaling \$2,029.36, 588265 totaling \$197.22, 588266 totaling \$597.41, 588267 totaling \$661.23, 588268 totaling \$1,094.64, and 588269 totaling \$870.84, as per the project budget. The **VOTE** was UNANIMOUS.

MSDV by SBC Vice-Chairman Sawyer, seconded by SBC Member Keegan, that Committee approve Raymond Design & Associates Invoice #2011-03-01 totaling \$109,700.00 as per the terms of the contract. The **VOTE** was UNANIMOUS.

MSDV by SBC Vice-Chairman Sawyer, seconded by SBC Member Legendre, that Committee approve Joslin, Lesser & Associates Invoice #17 totaling \$30,716.00 as per the terms of the contract. The **VOTE** was UNANIMOUS.

MSDV by SBC Vice-Chairman Sawyer, seconded by SBC Member Keegan, that Committee approve Joslin, Lesser & Associates Invoice #18 totaling \$42,420.00 as per the terms of the contract. The **VOTE** was UNANIMOUS.

- 7.) **Ground Breaking Ceremony:** After discussion, the Committee, by consensus, agreed to hold a ground breaking ceremony on the construction site on May 5, 2011 and direct the Superintendent of Schools and Town Manager to coordinate the ceremony.
- 8.) **Shawmut Construction Update:** Tony Miliote, Shawmut Construction, provided the Committee with an update on the project construction schedule. (copy attached to these minutes)
- 9.) **Update on Milestone Schedule:** David Krawitz, Joslin Lesser & Associates, updated the Committee on the project milestone schedule.
- 10.) **Approval of Meeting Minutes:** No Action
- 11.) **Old/New Business:** None
- 12.) **Town Manager Action Items:** None
- 13.) **Next Meeting April 13, 2011, 6:00 PM:** No Action

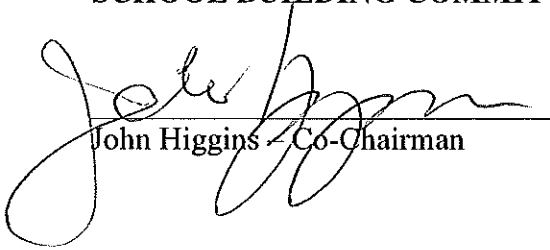
14.) With no additional business, MSDV by SBC Member Keegan, seconded by SBC Co-Chairman Higgins, "to adjourn meeting" at 7:05 PM. The VOTE was UNANIMOUS.

Note: Meeting was recorded for local cable access.

MSDV: Moved, Seconded, Discussed & Voted

*Respectfully Submitted,
Donald R. Sawyer, Vice Chairman*

SCHOOL BUILDING COMMITTEE:


John Higgins - Co-Chairman


Dan Deveau - Co-Chairman

Eugene O'Rourke


Jeff Stewart - Secretary


Don Sawyer - Vice Chairman

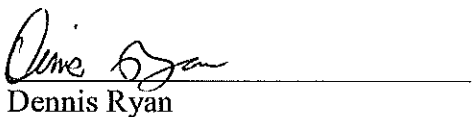

Bruce Desilets

Mike Legendre

Jane Keegan


Kevin Kuros

Ed Maharay


Dennis Ryan



Do Not Write in this Space

Town of Uxbridge

Meeting

Cancellation

Board or Commission School Building Comm.

Meeting Date 30-Mar-11

Place UHS Library

Time 6:00 p.m.

Authorized Signature _____

- 1 Call to Order
- 2 Pledge of Allegiance
- 3 Public Comment
- 4 Discussion and Approval of Final GMP (vote)
 - Budget Transfer
 - Commitment (Contract Amendment)
- 5 Approval of Testing Services Commitments (vote)
 - Geotechnical (previously approved by COWG)
 - Steel
 - Concrete
 - Masonry
- 6 Approval of Outstanding Invoices (vote)
- 7 Ground Breaking Ceremony Discussion
- 8 Shawmut Construction Update
- 9 Update on Milestone Schedule
- 10 Approval of Minutes (vote)
 - January 13, 2011
 - February 3, 2011
 - February 16, 2011
- 11 Old/New Business
- 12 Town Manager Action Items
- 13 Next Meeting is April 13, 2011, 6 P.M. UHS Library (possible agenda items?)
- 14 Adjournment

Meeting Postings:

- * Except in an emergency, a public body must post notice of a meeting at least 48 hours in advance, excluding Saturday's, Sunday's and legal holidays, except in emergencies.
- * "Emergency" is a sudden, generally unexpected occurrence or set of circumstances demanding immediate action.
- * In an emergency, a public body shall post notice as soon as reasonably possible prior to a meeting.
- * Notice must include date, time and place of meeting.
- * Must include listing of topics the chair reasonably anticipates will be discussed at the meeting.
- * Topics must give enough specificity so that the public will understand what will be discussed.
- * Public bodies are encouraged to update the notice when aware of new topic within the 48 hour period before the meeting.
- * Chairs should not post notices so far in advance that there is a high likelihood that new topics will arise, unless the chair updates the notice with any such new topics 48 hours in advance of the meeting.

JOSLIN, LESSER + ASSOCIATES, INC.

MEMORANDUM

To: Uxbridge School Building Committee and Board of Selectmen
From: David Krawitz - Joslin, Lesser + Associates, Inc.
Date: March 28th, 2011
Re: GMP: Uxbridge High School

Enclosed for processing are the following budget transfer and commitment for the Guaranteed Maximum Price Contract (GMP) to be considered at the March 30th, 2011 SBC and BOS meetings.

SUMMARY

The statutory "Trade Contractor" bid opening occurred on March 17, 2011 at the Uxbridge Town Hall. The total of the Trade bids exceeded the budget by \$1,128,918. Shawmut Design and Construction has since completed the bidding process for all additional non-Trade Contractors which were net neutral to budget. It would not be advantageous to re-bid the entire project because there was very good coverage in the initial bids and because materials costs and construction prices are trending upwards. The project team performed a detailed analysis of the scope for each trade and identified a number of value engineering opportunities which reduced the total budget variance to \$796,012 above the \$34,469,807 Construction Budget. Accordingly, Shawmut Design and Construction has developed a Guaranteed Maximum Price (GMP) for completion of the entire base scope of work for the project in the amount of \$35,265,819. This calculates to \$287 per square foot which compares favorably to the cost of other recent MSBA High School projects.

The Total Project Budget of \$43,000,000 includes a Construction Contingency of \$1,723,490 which is outside of the Construction Budget. Because the GMP is greater than the Construction Budget, a budget transfer is needed from Construction Contingency to Construction. After this transfer, the remaining Construction Contingency in the Total Project Budget will be \$927,478 which is 2.6% of value of the GMP and should be reasonable for this job given that it is a CM project. The GMP includes a separate GMP Contingency of \$400,855 (1.25%) which is to cover potential additional buyout costs. The GMP also includes the "Mini-GMP" for early site, structural steel, concrete and concrete plank which totaled \$10,085,382 and which was previously approved as Amendment No. 1. The net additional contract commitment for approval herein is \$25,180,437, as outlined in the attached Amendment No. 2.

The GMP includes the budget value of \$371,473 for Waterproofing instead of a bid value because it is recommended that this trade be re-bid. The bid documents included specifications for under-slab waterproofing that upon further review by the architect and geotechnical engineer have been deemed unnecessary. We believe that re-bidding will allow the project to attain a qualified bid for the appropriate scope and within the allowance listed.

The GMP covers the entire base scope of work for the project. The GMP does not include fees for sewage connection or other utilities. The GMP does include partial rough grading of the main athletic fields because the soil materials (cuts) are necessary to build (fill) the roads and parking areas. Otherwise, the GMP does not include any alternates for athletic fields except for the Owner Hold Allowance listed below. The GMP also does not include the Alternate to change the flat roof materials from membrane to built-up roofing. As construction progresses and the risk of unanticipated expenditures is reduced, then the Town may elect to commit additional funds from Construction Contingency to include some of the finish athletic fields in the project scope.

GMP Summary
Page 2

The GMP includes an Owner Hold Allowance of \$175,000 for the balance of rough grading work for the primary athletic fields. This work does not need to be done right away, therefore the Town can evaluate the budget later in the project to determine if some or all of the scope is affordable. A condition of the GMP provides that Shawmut will not be allowed to proceed with this Hold Allowance until specifically authorized by the Town. If the Town elects not to proceed with this scope then the GMP would be adjusted down by the respective value indicated in the GMP and noted above. This Hold Allowance in effect increases the total project contingency by \$175,000 because the funds will not be expended until it is deemed prudent. This alternate will not be awarded in the subcontractors' base contract at this time, however, Shawmut will attempt to lock in the bid value with the subcontractor to the latest date possible. If this grading work is executed, the values may need to be adjusted to reflect the market conditions at that time.

BUDGET TRANSFER

The following is a budget transfer to increase funding for Construction for the GMP contract, Amendment #2, for Shawmut Design and Construction. The GMP of \$35,265,819 exceeds the line item for Construction within the Total Project Budget by \$796,012. The Budget includes \$1,723,490 in Construction Contingency, none of which has yet been committed. This transfer would shift \$796,012 from Construction Contingency to the Construction category which would leave \$927,478 in Construction Contingency. The total project cost remains within the Project Budget. Joslin Lesser recommends that the Uxbridge School Building Committee and Board of Selectmen approve this budget transfer.

TRANSFER						
From Classification Code	From Classification Name	To Classification Code	To Classification Name	Budget Revision Amount	Reason for Transfer	Amount Remaining in Construction Contingency
0507-0000	Construction Contingency	0502-0000	Construction	\$796,012	Required to fund GMP	\$927,478

COMMITMENT

The following commitment is Amendment No. 2 to the Shawmut Design and Construction Contract in the amount of \$25,180,837 for a total GMP of \$35,265,819 and a total fee of \$35,335,003 including Pre-Construction services.

COMMITMENT				
Vendor	Pro-Pay Code	Budget Category	Description of Services	Contract Amount
Shawmut Design and Construction	0502-0000	Construction	Guaranteed Maximum Price Amendment	\$25,180,437

The commitment listed above is consistent with the Total Project Budget and to the best of our knowledge is eligible for reimbursement from the Massachusetts School Building Authority. Joslin Lesser recommends that the Uxbridge School Building Committee and Board of Selectmen approve this commitment.

CONSTRUCTION CONTRACT FOR CONSTRUCTION MANAGER AT RISK SERVICES

AMENDMENT NO. 2

WHEREAS, the Town of Uxbridge ("Owner") and Shawmut Design and Construction, (the "Construction Manager at Risk") (Collectively, the "Parties") entered into a contract for Construction Management for the Uxbridge High School Project on October 12, 2010 (the "Contract"); and

WHEREAS, the parties agreed to Amendment No. 1 to the Contract in the amount of \$10,085,382 effective as of February 2nd, 2011;

WHEREAS, effective as of March 30, 2011 the parties wish to amend the contract:

NOW, THEREFORE, in consideration of the promises and the mutual covenants contained in this Amendment, and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows:

1. The Owner hereby authorizes this Amendment No. 2 with a total value of \$25,180,437 as further detailed below. This amendment is based upon acceptance of the Construction Manager's Guaranteed Maximum Price (GMP) proposal for a total GMP of \$35,265,819, inclusive of the original contract value and all previously approved amendments, which shall become part of the contract documents:

	Original Contract	Previous Amendments	Amount of This Amendment	After This Amendment
Fee for Basic Services				
Hard Cost of Work	_____	\$ 9,003,644	\$ 23,064,741	\$ 32,068,385
General Conditions & Fee	_____	\$ 866,569	\$ 1,930,010	\$ 2,796,579
GMP Contingency	_____	\$ 215,169	\$ 185,686	\$ 400,855
GMP Total	\$ -	\$ 10,085,382	\$ 25,180,437	\$ 35,265,819
Pre-Construction Services	\$ 69,184	_____	_____	\$ 69,184
Total Fee	\$ 69,184	\$ 10,085,382	\$ 25,180,437	\$ 35,335,003

2. The Construction Budget shall be as follows:

Original Budget:	\$34,469,807
Amended Budget:	\$35,265,819

3. The Project Schedule shall be as follows:

Original Schedule:	Substantial Completion 07/10/12
Amended Schedule:	Substantial Completion 07/27/12

- 4.

Please note that item No. 10 on the Alternates is included in the GMP as an Owner Hold Allowance in the amount of \$175,000. The CM will not be allowed to proceed with this work until specifically authorized by the Town.

5. This Amendment contains all of the terms and conditions agreed upon by the Parties as amendments to the original Contract. No other understandings or representations, oral or otherwise, regarding amendments to the original Contract shall be deemed to exist or bind the Parties, and all other terms and conditions of the Contract remain in full force and effect.

IN WITNESS WHEREOF, the Parties have caused this Amendment to be executed by their respective authorized officers.

OWNER

(print name)

(print title)

By: _____
(signature)

Date: _____

CONSTRUCTION MANAGER AT RISK

(print name)

(print title)

By: _____
(signature)

Date: _____



Uxbridge High School

Executive Summary

Shawmut Design and Construction is pleased to present the enclosed Guaranteed Maximum Price for the Uxbridge High School project. The G.M.P. is based on the contract documents (drawings and specifications) and addendums #1-9. In addition, enclosed are the following documents:

- Amendment #2 to the contract
- GMP cost summary
- Allowances
- Alternates
- Assumptions and Clarifications
- Drawing and specifications log
- Schedule

We have received a strong response from the subcontractor community and have received approximately 200 bids that we have assembled, evaluated and reviewed with the OPM and A/E team to generate the GMP. Subcontractor bids were received starting on March 17, 2011 and over the past week the team has spend considerable time reviewing the contract documents a to ensure we have a complete and thorough GMP.

The current schedule indicates that the GMP is to be approved at the joint Board of Selectmen and School Building Committee meeting on March 30, 2011 to ensure that we keep track with the progress currently on site.

Based on the current schedule, we anticipate achieving substantial completion on July 27, 2012, which will allow the school bringing in furniture, equipment and other FF&E items to facilitate an opening of school for the start of Fall semester as originally scheduled.

The building permit has been received and construction activities for the Early Release Trades are currently underway and on schedule.

The current GMP (including the early release items from February) is \$35,265,819.00.



SHAWMUT DESIGN and CONSTRUCTION GMP SUMMARY

Date: 03/28/11

PROJECT : Uxbridge High School
 LOCATION : 246 - 270 Quaker Highway, Uxbridge, MA
 CLIENT : Town of Uxbridge, MA
 ARCHITECT : Raymond Design Associates
 OWNERS REP. : Joslin, Lesser + Associates, INC
 COST CONSULTANT: PM&C

SECTION	A			B		C		D		E		F
	90% CD BUDGET	EARLY RELEASE "MINI" GMP	GMP - 2/9/2011 DOCUMENTS	-B-C	GMP TOTAL	-D-A	VARIANCE	NOTES / SUBCONTRACTOR				
01500	\$ 43,750	\$ 183,188	\$ 374,812	\$ 560,000	\$ (83,750)							
03200	\$ 1,948,775	\$ 1,948,775	\$ (775)	\$ 1,948,400	\$ (375)							
03800	\$ 117,525	\$ 117,525	\$ 5,500	\$ 123,025	\$ 5,500							
04200	\$ 2,145,196	\$ -	\$ 2,054,000	\$ 2,054,000	\$ (11,196)							
05100	\$ 3,018,000	\$ 3,018,000	\$ 156,250	\$ 3,154,250	\$ 136,250			Addendum #2 modifications - increased specs of plank Formed Masonry				
05500	\$ 372,188	\$ -	\$ 334,000	\$ 334,000	\$ 38,188							
06100	\$ -	\$ -	\$ -	\$ -	\$ -							
06400	See below	See below	See below	See below	See below			Included with Casework Below				
07100	\$ 371,475	\$ -	\$ 371,475	\$ 371,475	\$ -			To be rebid				
07300	\$ 211,198	\$ -	\$ 222,775	\$ 222,775	\$ 11,577			Newton Roofing				
07500	\$ 1,510,695	\$ -	\$ 1,863,000	\$ 1,863,000	\$ 452,305			Rockwell Roofing				
08100	\$ 332,335	\$ -	\$ 330,810	\$ 330,810	\$ (1,525)			Homer Doors				
08200	\$ 31,580	\$ -	\$ 32,300	\$ 32,300	\$ 720			Baron Industries				
08400	\$ 816,296	\$ -	\$ 1,026,611	\$ 1,026,611	\$ 210,315			A&A Window				
08900	\$ 95,937	\$ -	\$ 31,800	\$ 31,800	\$ (64,137)			Capitol Glass				
09250	\$ 69,845	\$ -	\$ 68,310	\$ 68,310	\$ (1,535)			Canor Flynn				
09500	\$ 2,252,391	\$ -	\$ 2,353,766	\$ 2,353,766	\$ 101,375			Century Drywall				
09510	\$ 186,335	\$ -	\$ 225,000	\$ 225,000	\$ 38,665			M. Frank Higgins				
09520	\$ 376,252	\$ -	\$ 319,592	\$ 319,592	\$ (56,660)			K&K Acoustical				
09550	\$ 93,458	\$ -	\$ 46,000	\$ 46,000	\$ (47,458)			K&K Acoustical				
09680	\$ 269,106	\$ -	\$ 181,837	\$ 181,837	\$ (87,269)			JT Roberts				
09780	\$ 340,929	\$ -	\$ 295,000	\$ 295,000	\$ (45,929)			M. Frank Higgins				
09900	\$ 21,996	\$ -	\$ 22,516	\$ 22,516	\$ 520			New England Decks				
09900	\$ 292,205	\$ -	\$ 294,700	\$ 294,700	\$ (2,495)			Color Concepts				
10100	\$ 192,520	\$ -	\$ 140,308	\$ 140,308	\$ (52,212)			Automation Solutions				
	\$ 45,260	\$ -	\$ 18,997	\$ 18,997	\$ (26,263)			Automation Solutions				
	\$ 59,725	\$ -	\$ 63,446	\$ 63,446	\$ 3,721			Back Bay Signs				
	\$ 37,400	\$ -	\$ 35,531	\$ 35,531	\$ (1,869)			Pappas Company				
	\$ 18,450	\$ -	\$ 6,558	\$ 6,558	\$ (11,892)			Automation Solutions				
11060	\$ 150,000	\$ -	\$ 127,500	\$ 127,500	\$ (22,500)			Walker Specialties				
	\$ 109,850	\$ -	\$ 142,480	\$ 142,480	\$ 32,630			Automation Solutions				

11400	FOOD SERVICE EQUIPMENT	\$	300,000	\$	315,006	\$	315,006	\$	315,006	\$	15,606	Boston Showcases
11600	ATHLETIC EQUIPMENT	\$	99,700	\$	69,948	\$	69,948	\$	69,948	\$	(29,752)	Robert Lord
	PROJECTION SCREENS	\$		\$	14,781	\$	14,781	\$	14,781	\$	14,781	Automation Solutions
12500	CASEWORK AND LAB EQUIPMENT / MILLWORK	\$	1,067,820	\$	1,111,850	\$	1,111,850	\$	1,111,850	\$	44,030	Northeast Interior Systems , Includes Millwork
12500	WINDOW TREATMENT	\$	40,040	\$	25,920	\$	25,920	\$	25,920	\$	(14,120)	Bright Windows
12600	FIXED SEATING	\$	180,000	\$	134,933	\$	134,933	\$	134,933	\$	(45,067)	Robert Lord
14200	ELEVATORS	\$	90,000	\$	100,000	\$	100,000	\$	100,000	\$	10,000	Eagle Elevator
210000	FIRE PROTECTION	\$	459,863	\$	463,855	\$	463,855	\$	463,855	\$	3,992	Cogswell Sprinkler
220000	PLUMBING	\$	1,155,931	\$	1,250,000	\$	1,250,000	\$	1,250,000	\$	94,069	C. Moran Plumbing
230000	HVAC	\$	3,538,028	\$	3,949,000	\$	3,949,000	\$	3,949,000	\$	410,972	General Mechanical
260000	ELECTRICAL	\$	3,338,440	\$	3,418,000	\$	3,418,000	\$	3,418,000	\$	79,560	Interstate Electrical
311000	EARTHWORK	\$	3,734,136	\$	280,002	\$	280,002	\$	4,014,138	\$	280,002	(1) Road addition to gym per PD (2) Owner Hold for site (3) Balance Site soils
323000	LANDSCAPE	\$	415,951	\$	576,569	\$	576,569	\$	376,569	\$	(9,392)	Frank's Landscaping
	MOISTURE MITIGATION	\$	-	\$	150,000	\$	150,000	\$	150,000	\$	150,000	Shifed from Owner budget, to Construction Budget
	SUBTOTAL	\$	30,607,349	\$	23,064,741	\$	23,064,741	\$	32,068,385	\$	1,461,036	
	CM GENERAL CONDITIONS AND FEE	\$	2,885,763	\$	1,950,010	\$	1,950,010	\$	2,796,579	\$	(69,143)	Preconstruction is accounted for outside of GMP in Owner Budget
	GMP CONTINGENCY	\$	750,000	\$	215,169	\$	185,086	\$	400,855	\$	(349,143)	1.25% of cost of work
	VARIANCE FROM PROJECT FUNDING BUDGET	\$	226,697	\$	-	\$	-	\$	-	\$	(226,697)	
	TOTAL	\$	34,469,809	\$	25,180,437	\$	25,180,437	\$	35,265,819	\$	796,010	2.26% Percentage of overrun
	PROJECT FUNDING BUDGET	\$	34,469,809	\$	34,469,809	\$	34,469,809	\$	34,469,809	\$		
	EARLY RELEASE "MINI GMP"	\$	10,085,382	\$	10,085,382	\$	10,085,382	\$	10,085,382	\$		
	TOTAL AMOUNT TO COMPLETE GMP	\$	25,180,437	\$	25,180,437	\$	25,180,437	\$	25,180,437	\$		



**SHAWMUT DESIGN and CONSTRUCTION
ASSUMPTION/CLARIFICATIONS/VALUE ENGINEERING**

Design and Construction

Date: 03/28/11

PROJECT : Uxbridge High School

LOCATION : 246 - 270 Quaker Highway, Uxbridge, MA

CLIENT : Town of Uxbridge, MA

ARCHITECT : Raymond Design Associates

OWNERS REP. : Joslin, Lesser + Associates, INC

COST CONSULTANT: PM&C

Qualifications/Value Engineering

Assumptions

- 1 GMP is based on the attached document list. (addendum #1-9)
- 2 Low bidders are carried in all trade and non-trade subcontractors. Any adjustments made as a result of withdrawal of bids or protests that result in an increase in a trade or non-trade value, shall result in an increase in the GMP and schedule.
- 3 Schedule is based on approval of GMP March 30, 2011.
- 4 Pricing includes temporary power and power consumptions
- 5 Pricing includes temporary water consumption costs.
- 6 These qualifications supersede all previous qualifications
- 7 CM general conditions and fee are included as a lump sum price
- 8 Project Requirements are included as cost of work
- 9 Pricing is based on use and availability of onsite soil material. Soil to be harvested from other areas of the property to supplement the base scope. The project is assumed to be a balanced site and therefore no export or import of soils is included. All soils materials on site are assumed to be suitable for backfill.
- 10 Existing loan to be stockpiled and screened onsite for use for landscaping needs. Excess loan to be stockpiled only for Owner future use.
- 11 GMP is based on substantial completion 7/27/12
- 12 Pricing is based on a liquid asphalt price of \$460/ton set by Mass Highway Department, pricing will be adjusted by change order should this fluctuate.
- 13 Pricing includes 12" bituminous cape cod berms in lieu of 24".
- 14 Pricing includes 3.5" of bituminous paving in lieu of 4"
- 15 Pricing is based on screening only as needed and spreading of the existing stockpiled topsoil.
- 16 Pricing includes foundation insulation (25 psi) and under slab insulation (25 psi) and vapor barrier.
- 17 Base bid irrigation is based on C8.01, no other irrigation is included.
- 18 Pricing assumes FL criteria does not apply to slab on metal decks.
- 19 High impact drywall is carried at the corridors walls to the ceiling and to 10' off finished floor at the Commons and the Auditorium

- 20 Tuff Hide primer is carried at high impact drywall only.
- 21 Pricing includes painted plywood flooring at the stage.
- 22 Pricing is based on drawings rather than specifications in regards to tiering and sizes of lockers.
- 23 Temporary Soil stabilization of Baseball and Football Field (B1 and N) shall be defined as hydro-seeding only and does not include loam. It is assumed that hydro-seeding of existing gravel will be acceptable to the Conservation Commission and Town of Uxbridge as temporary measures until such time that the Football and Baseball Field are construction. No cost is included to provide loam, re-seeding, or other measures to ensure stabilization/growth of grass or acceptance by the Conservation Commission or Town of Uxbridge. If loam is required add \$60,770

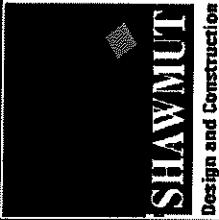
Exclusions

- 1 Pricing excludes moisture mitigation concrete admixture incl. Barrier-1 (Spec section 03 30 00, 2.1, F, 5).
- 2 Pricing excludes all field work, except as described in alternates and Owner Hold.
- 3 Pricing excludes and testing and monitoring.
- 4 Pricing excludes utility/phone/cable company back charges, hook up fees or other installation costs.
- 5 Pricing excludes gas company piping and meter incl. excavation and backfill.
- 6 Pricing excludes all permits including Mass. DOT permits and fees.
- 7 Pricing excludes any testing and removal of contaminated material.
- 8 Pricing excludes SWPPP monitoring and reporting, to be performed by BSC Group.
- 9 Pricing excludes custom graphics on the retractable bleachers.
- 10 Pricing excludes tapering epoxy material to drains.
- 11 Pricing excludes isolation hangers for drywall systems.
- 12 Pricing excludes cornerguards.
- 13 Pricing is based on 20 gauge interior metal framing as provided in specifications.
- 14 Pricing is on standard manufactures cementitious panel colors.
- 15 Natural gas consumption costs, by Owner.
- 16 Loam for any Fields.

Value Engineering

(The following V.E. has been incorporated into the GMP value)

- 1 Modify Forced Main Sewer (RFI#36)
- 2 Eliminate futre conduites at Press Box and Tennis Courts
- 3 Change from solid surface countertops and window sills to P-Lam and misc millwork revisions (Target \$25k)
- 4 Eliminate 2nd teachers wardrobe
- 5 Change Lockers to one coat of paint in lieu of two and utilize standard color
- 6 Eliminate drop down sills, cast aluminum sills, acoustical requirements for hardware, etc - (Target \$17K)
- 7 Include only \$50k allowance for trees/plantings/shrubs/etc
- 8 Delete site benches and trash receptacles
- 9 Modify routing domestic water line (RFI#59)
- 10 Eliminate decorative pediment and sheetmetal roofing at detail 7/A2.15 (east elevation)



SHAWMUT DESIGN and CONSTRUCTION ALLOWANCES

Date: 03/28/11

PROJECT : Uxbridge High School
LOCATION : 246 - 270 Quaker Highway, Uxbridge, MA
CLIENT : Town of Uxbridge, MA
ARCHITECT : Raymond Design Associates
OWNERS REP. : Joslin, Lesser + Associates, INC
COST CONSULTANT: PM&C

ALLOWANCES

1	Plantings/trees/shrubs/etc	\$50,000
2	Winter weather	\$320,000
3	Temp electric service (National Grid hook up)	\$20,000
4	Temp electric consumption	\$120,500
5	Temp water consumption	\$20,000
6	Structural Steel modification per Addendum #7	\$25,000
7	Clear/Grub/hydroseed Football and Baseball Fields (N and B1)	\$87,000
8	Moisture Mitigation	\$150,000
9	Waterproofing Scope (to be re-bid) - INCLUDED AT BUDGETED COST	\$371,473
10	OWNER HOLD - Rough grading of Football, Field Hockey, and Softball Field and Temporary Stabilization of Field Hockey and Softball Fields	\$175,000
11	Pricing is based on a liquid asphalt price of \$460/ton set by Mass Highway Department, pricing will be adjusted by change order should this fluctuate.	\$460/ton



SHAWMUT DESIGN and CONSTRUCTION ALTERNATES

PROJECT : Uxbridge High School
LOCATION : 246 - 270 Quaker Highway, Uxbridge, MA
CLIENT : Town of Uxbridge, MA
ARCHITECT : Raymond Design Associates
OWNERS REP. : Joslin, Lesser + Associates, INC
COST CONSULTANT: PM&C

Date: 03/28/11

ADD Alternates				
#1	Built up flat roof	\$	255,000	NOT ACCEPTED
Scope Breakouts				
A	Clear/Grub, rough grade and stabilize (see item or section)			
	Gross Football Field			INCLUDED IN GMP
	Softball / Field Hockey Field			INCLUDED IN GMP
	Practice Football Field			INCLUDED IN GMP
	Tennis Courts	\$	29,163.50	NOT ACCEPTED
	Baseball Multi - Use Field	\$	199,526.60	NOT ACCEPTED
	Parking Lot Expansion	\$	28,992.65	NOT ACCEPTED
B	Field Construction			
	Gross Football Field	\$	415,400.75	NOT ACCEPTED
	Synthetic Turf Football Field	\$	1,560,880.00	NOT ACCEPTED
	Bleachers at Football Complex	\$	452,077.50	NOT ACCEPTED
	Field Facility Building	\$	7,385.84	NOT ACCEPTED
	Sport Lighting at Football / Track	\$	186,499.00	NOT ACCEPTED
	Scoreboard	\$	46,406.75	NOT ACCEPTED
	Softball / Field Hockey Field	\$	322,872.70	NOT ACCEPTED
	Practice Football Field	\$	124,042.00	NOT ACCEPTED
	Track & Field Events	\$	791,344.00	NOT ACCEPTED
	Tennis Courts	\$	375,477.75	NOT ACCEPTED
	Tennis Court Lighting	\$	137,013.00	NOT ACCEPTED
	Baseball Multi - Use Field	\$	558,829.92	NOT ACCEPTED
	Parking Lot Expansion	\$	148,785.00	NOT ACCEPTED

***** Pricing is based on release of the above referenced scope by 5/1/2011
 ***** A budget allowance for all trade subcontractors (ie. Electrical, plumbing, ect.) are included in the appropriate alternates as they were not bid (see above). When these items are bid, final costs shall be reconciled
 ***** Change Order.
 ***** All pricing included applicable overhead, profit, contingencies and general conditions

JOSLIN, LESSER + ASSOCIATES, INC.

MEMORANDUM

To: Uxbridge SBC
From: David Krawitz - Joslin, Lesser + Associates, Inc.
Date: March 28th , 2011
Re: Testing Services: Uxbridge High School
Cc: Uxbridge BOS

Testing services are required on large construction projects to ensure that critical work is performed according to the Bid Documents. This includes testing of concrete, masonry, steel and soils to ensure that the materials as installed demonstrate the required properties and strength and meet the specified performance requirements. The proposal for geotechnical (soils) testing was previously approved by the COWG.

To ensure the greatest flexibility and transparency in awarding to vendors, and the best value for the Town, Joslin Lesser solicited individual proposals from 5 qualified vendors for each of 3 separate testing services; Concrete, Structural Steel/Precast Plank, and Masonry. The proposals include half day and full day rates for a variety of monitoring, inspecting and testing services specific to each discipline. These rates are not consistently low for any one vendor. Therefore, to enable a fair comparison among firms, the proposals also included an estimated total fee based on a stipulated assumed scope of work (which is based on a close analysis of the project specifications and schedule).

It is not possible to precisely anticipate the number of days of testing that will be required for these services, which will be determined by the construction activities on site. Therefore the estimates below are not guaranteed totals and the actual billing will be based on the rates in the proposal for the approved vendor for each service. Joslin Lesser will monitor the work to ensure that billings are accurate and appropriate.

Please also note that some vendors included the cost of transportation to the job site in their estimated total fee and others listed that cost separately, as show in the tables below.

Structural Steel and Precast Plank Inspection and Testing

Vendor	Briggs	JTC	Miller	UTS	Yankee
Estimated Cost	\$10,056	\$15,556	\$16,478	\$9,610	\$12,946
Mileage Cost	\$594	In Estimate	\$660	In Estimate	\$594
Total Estimated	\$10,650	\$15,556	\$17,138	\$9,610	\$13,540

UTS has the lowest cost proposal and are highly qualified to perform this work. It is recommended that the SBC award the contract for Structural Steel and Precast Plank Testing to UTS.

Testing Services Analysis
Page 2

Masonry Testing

Vendor	Briggs	JTC	Miller	UTS	Yankee
Estimated Cost	\$6,776	\$10,448	\$8,190	\$6,980	\$9,088
Mileage Cost	\$432	In Estimate	\$480	In Estimate	\$432
Total Estimated	\$7,208	\$10,448	\$8,670	\$6,980	\$9,520

UTS has the lowest total cost proposal and are highly qualified to perform this work. It is recommended that the SBC award the contract for Masonry Testing to UTS.

Concrete Rebar Inspection and Material Testing

Vendor	Briggs	JTC	Miller	UTS	Yankee
Estimated Cost	\$21,160	\$23,890	\$24,325	\$23,480	\$28,605
Mileage Cost	\$1,255	In Estimate	\$1,395	In Estimate	\$1,255
Total Estimated	\$22,415	\$23,890	\$25,720	\$23,480	\$29,860

Briggs has the lowest total cost proposal for Concrete and certainly highly qualified to perform this work. However, as noted above, the actual costs for these testing services are not guaranteed and will be billed on a per visit basis, not on a lump sum. There would be benefits in consistency and coordination if one vendor performs the 3 testing services. Therefore, since UTS has the lowest cost for the 2 other testing services, and the UTS estimated total cost for Concrete testing is only \$1,065 above Briggs, it is recommended that at the SBC award the contract for Concrete Rebar Inspection and Material Testing to UTS.

UTS of Massachusetts

Town Of Uxbridge
c/o David Krawitz
Joslin Lesser & Associates, Inc
44 Pleasant Street
Watertown, MA

PROJECT

New Uxbridge High School

Concrete Monitoring & Testing Services	QTY	AMOUNT	TOTAL
Half Day Field Testing	20	\$110.00	\$2,200.00
Full Day Field Testing	60	\$210.00	\$12,600.00
Concrete Test Cylinders	400	\$10.00	\$4,000.00
Sample Pick Ups	60	\$40.00	\$2,400.00
Half Day Plant Inspection	1	\$110.00	\$110.00
Full Day Plant Inspection	2	\$210.00	\$420.00
Full Day Reinforcing Field Testing	5	\$230.00	\$1,150.00
Half Day Reinforcing Field Testing	5	\$120.00	\$600.00
Total Concrete and Rebar			\$23,480.00
Structural Steel			
Half Days Field Bolting/Stud/Deck Review	10	\$150.00	\$1,500.00
Full Days Field Bolting/Stud/Deck Review	16	\$250.00	\$4,000.00
Half Days Ultrasonic Testing	4	\$180.00	\$720.00
Full Days Ultrasonic Testing	8	\$240.00	\$1,920.00
In Shop Inspections	2	\$360.00	\$720.00
Precast Plank Inspection			
Half Day Field Testing	2	\$115.00	\$230.00
Full Day Field Testing	2	\$220.00	\$440.00
Cubes	8	\$10.00	\$80.00
Total Structural Steel & Precast Plank			\$9,610.00
Masonry Reinforced Inspections			
Half Day Field Testing	4	\$110.00	\$440.00
Full Day Field Testing	12	\$210.00	\$2,520.00
Grout Cubes	36	\$10.00	\$360.00
Prisms	8	\$25.00	\$200.00
Mortar Cubes	12	\$10.00	\$120.00
Masonry Veneer Inspections			
Half Day Field Testing	4	\$110.00	\$440.00
Full Day Field Testing	12	\$210.00	\$2,520.00
Mortar Cubes	8	\$10.00	\$80.00
Face Brick ASTM C 67	4	\$75.00	\$300.00
Total Masonry			\$6,980.00
Professional Engineer	20	\$95.00	\$1,900.00
Milage		\$0.00	
Overtime Rate		1.5	

Uxbridge High School
 Concrete /Rebar/ Structural Steel/ Masonry
 Inspectional & Lab Testing Services: Rates

3/21/2011

UTS

	Unit Price	Durations or Quantities
<u>Concrete Rebar Monitoring & Testing Service</u>		
<u>Half Days Of Monitoring(Including slump/air /rebar per visit</u>	\$ 110.00	20
<u>Full Days Of Monitoring(Including slump/air /rebar per visit</u>	\$ 210.00	60
<u>Concrete Cylinder Testing /speciman</u>	\$ 10.00	400
<u>Special Trip To Pick Up Specimans / Samples Per Trip</u>		
<u>Special Trip To Pick Up Specimans / Samples Per Trip</u>	\$ 40.00	60
<u>Plant Inspectios Full Day</u>	\$ 210.00	2
<u>Plant Inspectios Half Day</u>	\$ 110.00	1
<u>Full Day Reinforcing Steel Inspectiosn (If stand alone Inspection)</u>	\$ 230.00	5
<u>Half Day Reinforcing Steel Inspectiosn Day (If Stand Alone Inspection)</u>	\$ 120.00	5
<u>Structural Steel Review</u>		
<u>Half Day Of Field Bolting/ Stud/ Decking Review/ visit</u>	\$ 150.00	10
<u>Full Day Of Field Bolting / Stud/ Deck Review/visit</u>	\$ 250.00	16
<u>Half Day Of Ultrasonic(U.T.) Testing Of Welds. /visit</u>	\$ 180.00	4
<u>Full Day Of Ultrasonic(U.T.) Testing Of Welds. /visit</u>	\$ 240.00	8
<u>In Shop In Inspections (Plus Travel) Full Day</u>	\$ 360.00	2
<u>In Shop In Inspections (Plus Travel) Half Day</u>	N/A	
<u>Precast Plank Inspections</u>		
<u>Half Day Inspection</u>	\$115.00	2
<u>Full Day</u>	\$220.00	2
<u>Grout Cubes ea.</u>	\$10.00	8
<u>Masonry Reinforce Back Up & Load Bearing Block</u>		
<u>Half Day Inspection</u>	\$110.00	4
<u>Full Day Inspection</u>	\$210.00	12
<u>Grout Cubes each</u>	\$10.00	36
<u>Prisoms each</u>	\$25.00	8
<u>Mortar Cubes Each</u>	\$10.00	12
<u>Masonry Veneer Brick Installation</u>		
<u>Half Day Inspection</u>	\$110.00	4
<u>Full Day</u>	\$210.00	12
<u>Mortar Cubes Each</u>	\$10.00	8
<u>Test Face Brick For Conformance To ASTM C 67 Four Samples</u>	\$75.00	4
<u>Professional Engineers Per Hour Consult Time Per Hour</u>	\$ 95.00	20
<u>Milage per mile</u>	0	
<u>Overtime after 8hrs or Saturdays</u>	1.5	

Expenses For Travel , Room & Board will be carried separate.

JOSLIN, LESSER + ASSOCIATES, INC.

MEMORANDUM

To: Don Sawyer, Uxbridge Public Schools
From: David Krawitz - Joslin, Lesser + Associates, Inc.
Date: March 29th, 2011
Re: Commitments and Invoices: Uxbridge High School
Cc: Uxbridge School Building Committee and Board of Selectmen

Enclosed for processing are the following commitments and invoices to be considered at the March 30th, 2011 SBC Meeting.

COMMITMENTS:

TESTING

Due to rapid construction progress on the site, it was necessary to expedite approval of Geotechnical (soils) testing. Therefore, the proposals were submitted to the Change Order Working Group on March 14th, 2011 who unanimously approved awarding the contract to the lowest cost proposal, John Turner Consulting. This contract has been awarded and the work is proceeding. The commitment is re-presented here for record.

PRIOR COMMITMENTS				(Fee Proposals)
Vendor	Pro-Pay Code #	Budget Category	Description of Services	Contract Amount
John Turner Consulting	0602-0000	Miscellaneous Project Costs – Testing Services	Geotechnical (soils) Testing	\$19,760
			TOTAL:	\$19,760

The scope and analysis of testing proposals for 3 services is described in the attached Testing Services Memorandum. The following commitments are recommended accordingly. The amount in the project budget for testing is \$100,000. The sum of the recommended proposals (including Geotech), based on the total estimated values, is \$59,830, well within budget. The actual cost will vary from the estimates, the billing will be based on the rates established in each proposal. Joslin Lesser will submit additional commitments for approval as necessary if the costs are projected to exceed the amounts listed below for each testing service.

NEW COMMITMENTS				(Fee Proposals)
Vendor	Pro-Pay Code #	Budget Category	Description of Services	Contract Amount
UTS of Mass., Inc.	0602-0000	Miscellaneous Project Costs – Testing Services	Structural Steel and Precast Plank Testing	\$9,610
			TOTAL:	\$9,610

Monthly Invoice Summary
Page 2

NEW COMMITMENTS				(Fee Proposals)
Vendor	Pro-Pay Code #	Budget Category	Description of Services	Contract Amount
UTS of Mass., Inc.	0602-0000	Miscellaneous Project Costs – Testing Services	Masonry Testing	\$6,980
			TOTAL:	\$6,980

NEW COMMITMENTS				(Fee Proposals)
Vendor	Pro-Pay Code #	Budget Category	Description of Services	Contract Amount
UTS of Mass., Inc.	0602-0000	Miscellaneous Project Costs – Testing Services	Concrete Rebar Inspection and Material Testing	\$23,480
			TOTAL:	\$23,480

The above commitments are consistent with the Total Project Budget and to the best of our knowledge are eligible for reimbursement from the Massachusetts School Building Authority. Joslin Lesser + Associates recommends that the Uxbridge High School Building Committee recommend to the Board of Selectmen the approval of these commitments.

BID PRINTING

At the January 12th meeting the SBC approved a commitment for Bid Printing by BFS Not to Exceed \$25,000. This amount was based on an estimated average cost for similar school projects, however the actual total cost of printing for this project will exceed the current allocation. The bid process for the High School included printing of 9 addenda and sets were distributed to the large number of Trade Subcontractors who bid on the project. Raymond Design will also be producing “addendized” sets of drawings which will be distributed for project team use. The invoices presented below for BFS total \$19,356, and the sum of all previous and current BFS invoices is \$24,154. In anticipation of additional BFS invoices to be presented at future meetings, it is recommended that the SBC recommend to the BOS approval of an additional \$8,000 Not To Exceed amount for Printing. The Project Budget includes \$70,000 for Advertising and Printing so this is well within budget.

Please also note that BFS collected bid deposits from each Trade bidder in the amount of \$200 which are refundable to the bidders if they return the bid sets to BFS by April 17th. Any deposits that are remaining after the deadline will be returned to the Town (31 sets have not yet been returned). This can be used to offset some of the printing costs.

COMMITMENTS				(Fee Proposals)
Vendor	Pro-Pay Code #	Budget Category	Description of Services	Contract Amount
BFS Business Printing	0103-0000	Advertising & Printing	Printing	NTE \$8,000

The above commitments are consistent with the Total Project Budget and to the best of our knowledge are eligible for reimbursement from the Massachusetts School Building Authority. Joslin Lesser + Associates recommends that the Uxbridge High School Building Committee recommend to the Board of Selectmen the approval of these commitments.

Monthly Invoice Summary
Page 3

INVOICES

The following invoices are presented for approval. The multiple invoices from BFS are for bid printing. The RDA invoice is for completion of the Bid phase and beginning of work in the Construction Contract Administration phase. The JLA invoices are for work in the Construction Contract Documents and Bid phases.

INVOICES (Payments)					
ProPay Code	Vendor	Invoice #	Budget Category	Description of Services	Invoice \$
0103-0000	BFS	587179	Advertising and Printing	Bid Printing	\$3,823.66
0103-0000	BFS	587590	Advertising and Printing	Bid Printing	\$1,098.30
0103-0000	BFS	587591	Advertising and Printing	Bid Printing	\$249.27
0103-0000	BFS	587592	Advertising and Printing	Bid Printing	\$188.27
0103-0000	BFS	587593	Advertising and Printing	Bid Printing	\$139.29
0103-0000	BFS	587594	Advertising and Printing	Bid Printing	\$1,050.32
0103-0000	BFS	587595	Advertising and Printing	Bid Printing	\$4,204.31
0103-0000	BFS	587596	Advertising and Printing	Bid Printing	\$2,102.16
0103-0000	BFS	587597	Advertising and Printing	Bid Printing	\$1,050.24
0103-0000	BFS	587598	Advertising and Printing	Bid Printing	\$2,029.36
0103-0000	BFS	588265	Advertising and Printing	Bid Printing	\$197.22
0103-0000	BFS	588266	Advertising and Printing	Bid Printing	\$597.41
0103-0000	BFS	588267	Advertising and Printing	Bid Printing	\$661.23
0103-0000	BFS	588268	Advertising and Printing	Bid Printing	\$1,094.64
0103-0000	BFS	588269	Advertising and Printing	Bid Printing	\$870.84
0201-0600	RDA	2011-03-01	A&E Bid	Bidding	\$56,000
0201-0700	RDA	2011-03-01	A&E Construction Contract Administration	Construction Contract Administration	\$53,700
	RDA	2011-03-01	Total Invoice		\$109,700
0102-0500	JLA	17	OPM Construction Contract Documents	Contract Documents and Bidding for February	\$30,716
0102-0500	JLA	18	OPM Construction Contract Documents	Contract Documents and Bidding for March	\$42,420

The Invoices listed above are consistent with the Total Project Budget and to the best of our knowledge are eligible for reimbursement from the Massachusetts School Building Authority. Joslin Lesser + Associates recommends that the Uxbridge High School Building Committee approve these invoices.



Uxbridge High School Construction Schedule Amendment #2 3/23/11

ID	% Complete	Task Name	Duration	Start	Finish
0	3%	Uxbridge High School	92.7 wks	Thu 9/30/10	Fri 7/27/12
1	4%	Preconstruction and Procurement	81.5 wks	Thu 9/30/10	Wed 5/9/12
133					
145	1%	Construction	69.7 wks	Fri 2/18/11	Mon 7/9/12
147	15%	Sitework	56.5 wks	Fri 2/18/11	Wed 4/4/12
206					
389	0%	Foundations, UG piping, and SOG	23.3 wks	Tue 4/12/11	Tue 9/27/11
438					
570	0%	Building Structure	8 wks	Tue 7/5/11	Tue 8/30/11
571	0%	Building slab on deck and interior masonry	10.9 wks	Thu 8/4/11	Fri 10/21/11
741	0%	Exterior building facade and roof	21.8 wks	Mon 8/15/11	Fri 11/20/12
742	0%	Interior Construction	28.2 wks	Fri 12/16/11	Mon 7/9/12
1337	0%	Substantial Completion for Building "A"	0 wks	Wed 6/6/12	Wed 6/6/12
1338	0%	Substantial Completion for Building "B"	0 wks	Mon 7/9/12	Mon 7/9/12
1340	0%	Substantial Completion for Building "C"	0 wks	Fri 6/1/12	Fri 6/1/12
1341	0%	Substantial Completion for Building "D"	0 wks	Mon 6/4/12	Mon 6/4/12
1342	0%	Final Inspection Walk Through/Closeout	2.8 wks	Mon 7/9/12	Fri 7/27/12
1355					
1358	0%	Project Completion	0 days	Fri 7/27/12	Fri 7/27/12

