

ATTACHMENT F

CONTRACT FOR DESIGNER SERVICES

AMENDMENT NO. 1

WHEREAS, the Town of Uxbridge ("Owner") and Raymond Design Associates, Inc., (the "Designer") (collectively, the "Parties") entered into a Contract for Designer Services for the Uxbridge High School Project on August 10, 2009 (the "Contract"); and

WHEREAS, effective as of October 28, 2009 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 the Designer to perform the following additional services in accordance with Article 4, Section 11 and Article 8:

Proposed Service	Amount	Sub consultant
Feasibility Study		
• Hazardous Materials Survey	\$2,200	UEC
• Geotechnical Engineering Services	\$14,080	PEER Environmental
• Tier One 21E Site Assessments	\$6,600	PEER Environmental
• Ecological & Regulatory Planning (FS)	\$6,270	BSC Group
• Traffic Study	\$5,500	BSC Group
Proposed Additional Fee:	\$34,650	
Schematic Design		
• Ecological & Regulatory Planning (SD)	\$7,480	BSC Group
Proposed Additional Fee:	\$7,480	

2. For the performance of services required under the Contract, as amended, the Designer shall be compensated by the Owner in accordance with the following Fee for Basic Services:

Fee for Basic Services	Original Contract	Previous Amendments	Amount of This Amendment	After This Amendment
Feasibility Study Phase	\$120,000	-	\$34,650	\$154,650
Schematic Design Phase	\$180,000	-	\$7,480	\$187,480
Design Development Phase	-	-	-	-
Construction Doc Phase	-	-	-	-
Bidding Phase	-	-	-	-
Construction Phase	-	-	-	-
Completion Phase	-	-	-	-
Total Fee	\$300,000	\$0.00	\$42,130	\$342,130

3. The Construction Budget shall be as follows:

Original Budget: \$0

Amended Budget \$0

4. The Project Schedule shall be as follows:

Original Schedule: No Change

Amended Schedule

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 Owner, with the prior approval of the Authority, and the Designer have caused this Amendment to be executed by their respective authorized officers.

OWNER

Beth A. Pitman
(print name)

Chair, Vebriidge Board of Selectmen
(print title)

By [Signature]
(signature)

Date 25 August 10

DESIGNER

OPNE S. RAYMOND, JR
(print name)

PRESIDENT
(print title)

By [Signature]
(signature)

Date 10-18-09

D-B-B



UEC \$ 2,000
RDA 100% 200
TOTAL \$ 2,200 ✓

July 29, 2009

Mr. Gene Raymond
Raymond Design Associates
329 North Street
Hingham, MA 02043

Reference: Asbestos Containing Materials Inspection Services
Uxbridge High School

Dear Mr. Raymond:

Thank you for the opportunity for Universal Environmental Consultants (UEC) to provide professional services.

We are pleased to submit our proposal for the above referenced project.

Should this proposal meet with your approval, kindly execute and return the enclosed proposal.

Please do not hesitate to call me at (508) 628-5486 if you have questions about this proposal or our services.

Very truly yours,

Universal Environmental Consultants

A handwritten signature in dark ink, appearing to read "Ammar M. Dieb", is written over a horizontal line.

Ammar M. Dieb
President

UEC:\Proposals\IDMRDA-Uxbridge-1.DOC

Enclosure

PROPOSAL
FOR
ASBESTOS CONTAINING MATERIALS INSPECTION SERVICES
AT
UXBRIDGE HIGH SCHOOL

1.0 SCOPE OF SERVICES:

- A. **Review AHERA Reports** – Review previous AHERA inspection reports.
- B. **Inspection for Asbestos Containing Materials (ACM)** – Conduct an inspection of the High School.
- C. **Bulk Samples Collection** – Collect bulk samples from suspect materials and analyze these samples for asbestos by Polarized Light Microscopy (PLM) using the Point Count Method (if needed). Bulk samples will be collected and analyzed from the following materials suspected to contain asbestos:

Floor Tile and Mastic	Ceiling Tile	Glue on Ceiling Tile	Thermal Insulation
Window Putty	Door Putty	Stage Curtain	Ceiling/Wall Plaster
Transite Board	Vapor Barriers	Soffit Panels	Fire-proofing
Science Lab Tables	Damproofing	Sealant around Unit Vent Grilles	Roofing Material
Skim Coat	Paper under Hardwood	Other suspect ACM	

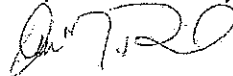
- D. **Inspection for PCB's** – Perform a visual inspection of the light fixtures and determine which ballasts contain PCB's and which tubes contain Mercury and designate positive ballasts and tubes for proper disposal.
- E. **Inspection for underground oil storage tanks** – Conduct a visual inspection for underground oil storage tanks.
- F. **Prepare Cost Estimates** – Prepare cost estimates for the recommended actions, with alternative options as desired.

2.0 FEES FOR SERVICES:

Lump Sum Fee including all sampling of

\$ 2,000.00

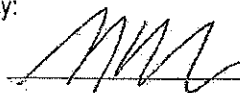
Proposal Authorized By:



Ammar M. Dieb
President

Proposal Accepted by:

Signature:



Name:

GENE S. RAYMOND JR.
PRESIDENT, RAYMOND DESIGN ASSOCIATES.



99 South Bedford Street • Burlington, MA 01803
Phone: 781-238-8890 • Fax 781-238-8894
Engineers • Scientists • Planners

RDA Copy
SCHOOL ASSESSMENT

August 5, 2009

Mr. Gene Raymond, Jr.
Raymond Design Associates, Inc.
222 North Street
Hingham, MA 02043

Re: Revised Proposal (Rev 2) - Uxbridge High School Environmental Support of the Feasibility Study / Schematic Design

Dear Mr. Raymond:

In accordance with your request, PEER Consultants is pleased to provide this revised cost proposal. Changes relate to the (1) removal of the hazmat inspection, (2) addition of specific geoenvironmental testing and (3) addition of geotechnical foundation recommendations noted in the Uxbridge FS/SD contract document.

1. SCOPE OF WORK

PEER will provide schematic design support for geotechnical and geoenvironmental site assessment for the proposed high school construction. The design effort will include:

1. Environmental Site Assessment - Conduct a standard ASTM Phase 1 Environmental Site Assessment of the existing high school property.
2. Environmental Site Assessment - Conduct a standard ASTM Phase 1 Environmental Site Assessment of the proposed high school property.
3. Geotechnical Testing - Conduct 2 days of subsurface investigation at the new HS site with standard penetration tests and tactile soil screening.
4. Geotechnical Testing - Conduct 1 day of subsurface investigation at the old HS site with standard penetration tests and tactile soil screening. Review historical geotechnical information.
5. Geochemical Analyses - Conduct field monitoring of soil vapor (volatiles / petroleum) concentration, and lab analysis of metals. Organic analyses of soil are not included due to cost but may be required at a later stage of design.
6. Geotechnical Foundation Recommendations - Summarize soil characteristics and typical foundation types that are supported by these findings. Specific foundation requirements will require additional testing during the later final design phase of the project.

PEER

TOTAL \$18,800
100 MAKEUP \$1,880

RDA
TOTAL SERVICE \$20,680

PEER
Growth \$14,080
21E 6,600
20,680

2. COST

The cost estimate, including labor and material, is as follows:

Environmental Site Assessment (New HS)	\$3,000
Environmental Site Assessment (Old HS)	\$3,000
Geotechnical Investigation (Old HS)	\$3,750
Geotechnical Investigation (New HS)	\$6,750
Geochemical Analyses (Field Soil Vapor)	\$300
Geochemical Analyses (Metals - 12 x \$150)	\$1,800
Geotechnical Foundation Recommendations	\$2,000

3 216 \$ 6,000
3 GEOTECH \$ 12,800
← NOT RECD.

3. SCHEDULE

We are able to start work as soon as this project is awarded.

4. STAFF RESPONSIBILITY

Mr. Kenneth Menzies will be in charge of the program, and we understand that you will provide general direction and policy decisions on behalf of your organization. Other staff members with appropriate technical backgrounds will participate on this project.

5. GENERAL PROVISIONS

Our work for clients is conducted on a confidential basis, and we will treat information received from you or developed by us in accordance with our Established Professional Standards.

Our work will be on a best efforts basis. We expect that the results will meet the objectives sought, and we have assigned to the work professional personnel having the required skills, experience and competence. Our recommendations and the written material we provide will be our best judgment based upon the information available to us. In any event, our liability for damages arising out of your use of the results of our work or any recommendations we may make shall not be greater than the amount paid to us for the professional services rendered.

Any change in this agreement shall be confirmed in writing. This agreement shall be interpreted according to the laws of the State of Maryland, in which PEER is incorporated.

6. ACCEPTANCE

We appreciate the opportunity to work with you on this important assignment. To authorize us to proceed, please sign this document and return to PEER Consultants, P.C.

Sincerely,

PEER Consultants, P.C.

Kenneth Menzies

Kenneth Menzies

Senior Project Manager

Accepted for
Raymond Design Associates, Inc.

By:

MM : *GEORGE S. RAYMOND JR, AIA*

Title:

President

Date:

10-14-09



RDA copy.

August 25, 2009

Mr. Gene S. Raymond, Jr., AIA
President
Raymond Design Associates
222 North Street
Hingham, MA 02043-4619

Feas Study \$6,270 ✓
Schematic \$7,480

33 Waldo Street
Worcester, MA 01608

Tel: 508-792-4500
800-288-8133
Fax: 508-792-4509

www.bscgroup.com

RE: Proposal for Additional Consulting Services - Ecological & Regulatory Planning
Uxbridge High School Feasibility Study and Schematic Design

Dear Mr. Raymond:

BSC Group, Inc. (BSC) is pleased to submit this revised proposal to Raymond Design Associates (RDA) for Ecological and Regulatory Planning services relative to the proposed Feasibility Study and Schematic Design for Uxbridge High School, Uxbridge, MA. As requested, this proposal presents our scope of work for specific ecological (wetlands) and regulatory planning work only and has been revised to work within available funding. A proposed scope of services for traffic planning related work will be presented in a separate document.

PROJECT UNDERSTANDING

BSC has prepared this proposal based upon our understanding of your needs and circumstances, summarized as follows:

- Per your request, we have included in this proposal preparation & submission of an Environmental Notification Form (ENF) for the preferred site.
- BSC understands the primary focus of design efforts is to determine the feasibility of renovating the existing High School, building a new High School on the existing school site or building a new High School at the property owned by the Town located on Quaker Highway.
- BSC's primary role for the Feasibility Study and Schematic Design will be to provide "basic design" services as outlined in a separate proposal, including site planning, design and preliminary engineering, site layout, grading, and landscape architecture in coordination with RDA.
- BSC has outlined in this proposal "additional services" including ecological services and preparation of an ENF for the preferred design. These additional services are necessary and integral to the performance of the work outlined in the separate proposal for the Basic Services and listed in the RFP and the MSBA feasibility requirements. We have prepared a separate proposal for these additional services as we understand they are considered "extra services" under the MSBA Agreement.
- BSC will provide collaborative assistance in the development of the Schematic Site Plans, with RDA taking the primary role.

Engineers

Environmental
Scientists

GIS Consultants

Landscape
Architects

Planners

Surveyors



Our specific scope of services for each project phase is presented below. Following the scope we have provided a breakdown of fees for the Feasibility Study and Schematic Design phases. It is assumed that throughout the various phases of the project, RDA will be responsible for coordination of the project team, and that BSC will be kept informed of any issues that are relevant to our scope of services. A specific number of meetings have been included in our scope of services and fee as described below.

SCOPE OF SERVICES

BSC Group, Inc, proposes to provide to Raymond Design Associates, the following specific services in accordance with the applicable sections of the Terms and Conditions of the Agreement between Raymond Design Associates and the Town of Uxbridge, as well as the attached BSC Fee Schedule which are all made a part of this agreement.

Task 1.0 -- Feasibility Study Phase:

- 1.1 Site Visits -- A BSC Planner and Environmental Scientist will conduct an initial site reconnaissance for both the existing high school and the Quaker Highway sites.
- 1.2 Research & Data Collection -- The BSC Project Team will collect and assemble available existing plans, reports, wetlands mapping and data, MAGIS information and other pertinent data relating to the existing high school and Quaker Highway site.
- 1.3 Review Data -- The BSC Project Team will review the assembled data and prepare a summary of our findings based on the data and general visual observations. The summary will include information on both sites relative to ecological issues such as wetlands and natural habitats.
- 1.4 Evaluation of Three Options. The options are: 1) Renovate existing High School facility, 2) Construct new High School on the existing school site, or 3) Construct a new facility at the Quaker Highway site. The BSC Project Team will evaluate opportunities and constraints at each site. This evaluation will consider the following:

Existing High School Site

- Potential environmental impacts and compliance with current regulations

Construct new High School Facility at Quaker Highway Site:

- Potential environmental impacts and compliance with current regulations
- Regulatory requirements; local, state, federal

BSC will prepare a summary of the evaluation of each site.

Task 2.0 -- Schematic Design Phase:

BSC will advance the Preferred Site Design to Schematic Design level as part of our Basic Services work. This task assumes that the preferred option will be new construction at the Quaker Highway site. If another option is selected, BSC will prepare an amended scope and fee proposal based on the actual site conditions.

Please note that if a new building is located at the existing site amid the existing elementary and High School, other thresholds may be met associated with the following; greater than 5 acres of impervious area; creation of 300 or more new parking spaces - or - "generation of 1,000 or more new ADT on roadways providing access to a single location and construction of 150 or more new parking spaces at a single location". Additionally, if the playing fields are



reconstructed at another site that would be considered part of the High School project under MEPA and would need to be included in the overall project

- 2.1 Ecological Services - BSC understands that the resource areas on site have been delineated and survey located. However, this delineation has since expired and as such will require a review of the delineation by our wetland scientists to verify that the original delineation has not changed and that it conforms to current delineation requirements as stated in the Mass. Wetlands Protection Act. BSC will perform the following tasks:
- 2.1.1 Field verification of previously delineated resource areas. Re-flag altered wetland areas or new wetlands and adjust the wetland line on the base plan. BSC will coordinate with the consultant for the Bikeway to incorporate their on-site wetlands information into the base plan for the site. Any new flags will be located using GPS and will not be survey located by a survey crew.
 - 2.1.3 The site contains state listed rare species per the Natural Heritage and Endangered Species Program (NHESP) data. BSC will prepare a species information request letter and conduct a site visit to perform an abbreviated habitat/cover type assessment. We will prepare a graphic exhibit to show NHESP during a meeting to discuss the project.
 - 2.1.4 Pre-Design meeting w/NHESP to show preliminary design and determine if there are any serious impediments to the project related to endangered species on the site.
 - 2.1.5 BSC ecological scientist will prepare a summary letter of the permits required.
- 2.2 MEPA Review - The project will be evaluated in terms of compliance with the Massachusetts Environmental Policy Act (301 CMR 11.00), which requires that state agencies study the environmental consequences of their actions, as well as take all feasible measures to avoid, minimize and mitigate damage to the environment. MEPA has jurisdiction over the project because state financial assistance is involved. Preparation and submission of an Environmental Notification Form (ENF) is assumed to be required for the Quaker Highway site because a preliminary review indicates that the project has the potential to meet or exceed the following ENF thresholds, as defined by MEPA Regulations (301 CMR 11.03):
- Direct alteration of 25 or more acres of land
 - Creation of five or more acres of impervious area
 - Alteration of ½ acre or more acres of any other wetlands (riverfront area, flood plain...)
 - Construction of a new roadway one-quarter or more miles in length
 - Determination by NHESP that the project results in a "taking" of an endangered or threatened species or species of special concern
 - Determination by Massachusetts Historical Commission (MHC) that the project will result in an adverse impact to a significant cultural resource(s)
 - Construction of a new sewer main ½ mile or more in length not within the ROW of existing roadways
 - Construction of 300 or more new parking spaces at a single location



BSC will evaluate pertinent project information in the context of MEPA review thresholds (301 CMR 11.00) and identify potential project attributes and impacts which are subject to MEPA review, such as, but not limited to, those listed above. BSC will prepare an ENF with supporting plans and exhibits and file it with MEPA. This will include the assemblage of the requisite data, alternatives analysis, and presentation and description of existing and proposed site plans. BSC will attend a Scoping Session/Site Visit, as scheduled by MEPA, to review the project impacts as they make a determination as to whether an Environmental Impact Report will be required. BSC will provide follow-up responses for additional information, as may be requested by MEPA, while reviewing the ENF. Based on available information, it is assumed that no Environmental Impact Report will be required, although this will need to be confirmed when more details of the proposed project become available.

Meetings - BSC Planners have budgeted an average of 3 hours per meeting including travel time. Participation in the following meetings is anticipated:

- Meeting with Town Officials (1 total)
- Pre-application meeting with MEPA staff
- Scoping Session/Site Visit with MEPA held during the public comment period for the Environmental Notification Form (1 total)

ADDITIONAL SERVICES

The following services are not included as a part of this Agreement. These services may become necessary based upon the conclusions derived from the performance of the proposed services. If required, these services will be performed for an additional fee to be paid on an hourly basis in accordance with the attached fee schedule, or for a fee to be agreed at the appropriate time.

- Design and Preparation of any Site Plan not shown as the responsibility of BSC in this Scope.
- Any field survey such as: As-Built survey, utility location, or ALTA survey.
- Investigation and/or coordination of issues related to hazardous materials.
- Field-testing, such as pressure or flow testing of water lines.
- Field investigations, such as test pits and percolation testing.
- Flood plain calculations / investigations..
- Preparation or filing of any local, state or federal permit application other than an ENF as described in the Scope of Services.
- Cultural Resources Field Reconnaissance Survey conducted on undisturbed portions of the site by an archaeological subconsultant.
- Services not specifically listed in the Scope of Services.

SCHEDULE

BSC proposes to begin the services identified in the Scope of Services of this Agreement upon receipt of written authorization to proceed and will coordinate the schedule for completion of the various tasks with RDA.



Mr. Gene S. Raymond, Jr., AIA
August 25, 2009
Page 5

FEES FOR SERVICES

BSC proposes to provide the services described in Task 1 and Task 2 of the Scope of Services for the fees listed below. Fees shall be invoiced on a monthly basis based on percent complete of each line item. It is assumed that RDA shall in turn invoice the Owner promptly and inform BSC of any specific invoicing formats or billing schedule that would expedite payment of invoices.

TASK 1.0 - Feasibility Study:	\$ 5,700	$106 =$	\$ 6,270	FS
TASK 2.0 - Schematic Design	\$ 6,800	$109 =$	\$ 7,430	SP
TOTAL FEE FOR SERVICES	\$12,500		13,750	

ACCEPTANCE

If the scope and fee present herein are acceptable, please sign in the space provided below, return one copy to the undersigned, and maintain one copy for your records. We appreciate the opportunity to provide you with site design services on this project. Please do not hesitate to contact me directly at (617) 896-4532 if you should have any questions or comments.

Sincerely,
BSC GROUP, INC.

Leslie D. Fanger

Leslie D. Fanger, RLA, LEED AP
Senior Project Manager

AGREED AND ACCEPTED BY:
Raymond Design Associates

APPROVED BY:
BSC Group, Inc.

MM

Authorized Signature

President, RDA

Title

8-31-09

Date

David N. Hayes

David N. Hayes, P.E., LEED AP
Principal & Vice President

August 25, 2009

Date

Attachments: Fee Schedule

FEE SCHEDULE

July 1, 2009 – December 31, 2009

Rates are subject to change effective January 1, 2010

Classification

Hourly Rate

Professional Staff

Principal/Officer of Firm \$180.00 to \$200.00

Managing: Engineer, Surveyor, Scientist,
Landscape Architect, Planner \$120.00 to \$180.00

Senior: Engineer, Surveyor, Scientist, Programmer,
Landscape Architect, Designer, Planner \$95.00 to \$130.00

Staff: Engineer, Surveyor, Scientist, Programmer,
Landscape Architect, Designer, Planner \$80.00 to \$115.00

Junior: Engineer, Surveyor, Scientist, Programmer,
Designer, Planner \$65.00 to \$80.00

Expert Witness Testimony/Court Appearance \$225.00

Technical Support Staff

Senior: Calculator, Chief of Party, Drafter,
Instrument Operator, Technician,
Text Processor \$70.00 to \$90.00

Staff: Calculator, Drafter, Instrument Operator,
Technician, Text Processor, Administration, Support \$45.00 to \$70.00

Field Survey Party*

3 Person \$160.00 to \$195.00*

2 Person \$115.00 to \$160.00*

Expenses

Direct expenses shall be billed at cost. Direct expenses include cost of transportation, delivery, printing, telecommunications, presentation graphics, project supplies, soil and water testing, special consultants and other costs directly applicable to the individual project. A one-time archival charge of eight-tenths of one percent (.008) of total billings (excluding direct expenses) or One Hundred Dollars (\$100.00), whichever is greater, shall be assessed to each project.

* Premium rates apply for overtime hours, night shifts and weekend work.



RDA COPY
SIGNED AGREEMENT

August 26, 2009

Mr. Gene S. Raymond, Jr., AIA
President
Raymond Design Associates
222 North Street
Hingham, MA 02043-4619

TOTAL
\$5000
RDA 100%
500
\$5,500

33 Waldo Street
Worcester, MA 01608

Tel: 508-792-4500
800-268-8123
Fax: 508-792-4509

www.bscgroup.com

RE: Proposal for Additional Consulting Services - Traffic ~~Uxbridge High School Feasibility Study and Schematic Design~~ ADDITIONAL SERVICES.

Dear Mr. Raymond:

BSC Group, Inc. (BSC) is pleased to submit this revised proposal to Raymond Design Associates (RDA) for Traffic Engineering and Planning services relative to the proposed Feasibility Study and Schematic Design for Uxbridge High School, Uxbridge, MA. As requested, this proposal presents our scope of work for specific traffic planning and engineering services only and has been revised to work within available funding.

PROJECT UNDERSTANDING

BSC has prepared this proposal based upon our understanding of your needs and circumstances, summarized as follows:

- BSC understands the primary focus of design efforts is to determine the feasibility of renovating the existing High School, building a new High School on the existing school site or building a new High School at the property owned by the Town located on Quaker Highway.
- BSC's primary role for the Feasibility Study and Schematic Design will be to provide "basic design" services as outlined in a separate proposal, including site planning, design and preliminary engineering, site layout, grading, and landscape architecture in coordination with RDA.
- BSC has outlined in this proposal "additional services" including traffic planning and engineering. These additional services are necessary and integral to the performance of the work outlined in the separate proposal for the Basic Services and listed in the RFP and the MSBA feasibility requirements. We have prepared a separate proposal for these additional services as we understand they are considered "extra services" under the MSBA Agreement.
- BSC will provide collaborative assistance in the development of the Schematic Site Plans, with RDA taking the primary role.

Our specific scope of services is presented below. It is assumed that throughout the project, RDA will be responsible for coordination of the project team, and that BSC will be kept informed of any issues that are relevant to our scope of services. A specific number of meetings have been included in our scope of services and fee as described below.

Engineers

Environmental
Scientists

GIS Consultants

Landscape
Architects

Planners

Surveyors



SCOPE OF SERVICES

BSC Group, Inc, proposes to provide to Raymond Design Associates, the following specific services in accordance with the applicable sections of the Terms and Conditions of the Agreement between Raymond Design Associates and the Town of Uxbridge, as well as the attached BSC Fee Schedule which are all made a part of this agreement.

Task 1.0 – Feasibility Study Phase:

- 1.1 Site Visits – A BSC Traffic Engineer will conduct an initial site reconnaissance for both the existing high school and the Quaker Highway sites.
- 1.2 Research & Data Collection – The BSC Project Team will collect and assemble available existing plans, traffic reports, traffic data and other pertinent data relating to the existing high school and Quaker Highway site.
- 1.3 Review Data – The BSC Project Team will review the assembled data and prepare a summary of our findings based on the data and general visual observations. The summary will include an assessment of transportation issues, including a qualitative assessment of existing traffic patterns and capacity of existing access driveways and roads, (based on interviews with the High School and Fire Department).
- 1.4 Evaluation of Three Options. The options are: 1) Renovate existing High School facility, 2) Construct new High School on the existing school site, or 3) Construct a new facility at the Quaker Highway site. The BSC Project Team will evaluate opportunities and constraints at each site. This evaluation will consider the following:

Existing High School Site

- Current and future parking capacity and requirements
- Qualitative assessment of impacts of traffic through existing neighborhoods
- Qualitative assessment of traffic operations within the existing site
- Evaluation of site access from existing roads, including evaluation of roadway sight distances

Construct new High School Facility at Quaker Highway Site:

- Potential access from existing roads/ potential traffic impacts, including evaluation of roadway sight distances
- Potential qualitative traffic impacts on new access road and adjacent intersections
- Quantitative estimate of new trips generated by the new facility, using ITE Trip Generation rates.

BSC will prepare a summary of the evaluation of each site, identifying any traffic issues and constraints. The summary will also include an outline of the process moving forward into Schematic design and identification of traffic issues that may have to be evaluated during Schematic design. A description of likely MassHighway requirements will also be included.

- 1.5 Meeting with MassHighway: BSC will attend one meeting with MassHighway official(s) to discuss probable MassHighway requirements in the event the Quaker Highway site is selected.



1.6 NOT A SCOPE ITEM TO BE PERFORMED UNDER THIS AGREEMENT, but as information, please note that the Client should be aware that if the Quaker Highway site is selected, analyses of the following intersections are likely to be required by MassHighway:

- South Main Street (Route 122) at Quaker Highway (Route 146A)
- Quaker Highway (Route 146A) at Mill Street
- Quaker Highway (Route 146A) at Proposed High School Drive
- South Main Street (Route 122) at Proposed High School Drive

Task 2.0 – Schematic Design Phase

No traffic related work is proposed under this agreement during the schematic design phase. Such services if required will require a separate agreement to be determined at the appropriate time.

ADDITIONAL SERVICES

The following services are not included as a part of this Agreement. These services may become necessary based upon the conclusions derived from the performance of the proposed services. If required, these services will be performed for an additional fee to be paid on an hourly basis in accordance with the attached fee schedule, or for a fee to be agreed at the appropriate time.

- Traffic counts or analysis.
- Calculation of specific trip generation characteristics for Uxbridge High School;
- Any additional traffic planning or analysis work needed to support submission of an ENF to MEPA
- Field measurements or survey work.
- Services not specifically listed in the Scope of Services.

SCHEDULE

BSC proposes to begin the services identified in the Scope of Services of this Agreement upon receipt of written authorization to proceed and will coordinate the schedule for completion of the various tasks with RDA.

FEES FOR SERVICES

BSC proposes to provide the services described in Task 1 of the Scope of Services for the fee listed below. Fees shall be invoiced on a monthly basis based on percent complete of each line item. It is assumed that RDA shall in turn invoice the Owner promptly and inform BSC of any specific invoicing formats or billing schedule that would expedite payment of invoices.

TASK 1.0 - Feasibility Study: \$ 5,000

TOTAL FEE FOR SERVICES \$ 5,000



Mr. Gene S. Raymond, Jr., AIA
August 26, 2009
Page 4

ACCEPTANCE

If the scope and fee present herein are acceptable, please sign in the space provided below, return one copy to the undersigned, and maintain one copy for your records.
We appreciate the opportunity to provide you with site design services on this project. Please do not hesitate to contact me directly at (617) 896-4532 if you should have any questions or comments.

Sincerely,
BSC GROUP, INC.

Leslie D. Fanger, RLA, LEED AP
Senior Project Manager

AGREED AND ACCEPTED BY:
Raymond Design Associates

Authorized Signature

Title

Date

APPROVED BY:
BSC Group, Inc.

David N. Hayes, P.E., LEED AP
Principal & Vice President

Date

Attachments: Fee Schedule

p:\prj\bsc trans\proposals\yr 2009 proposals\uxbridge\uxbridge high school\revised august 2009\2009-08-26 dnh revs bsc
proposal uxbridge hs addit traffic.docx

FEE SCHEDULE

July 1, 2009 – December 31, 2009

Rates are subject to change effective January 1, 2010

<u>Classification</u>	<u>Hourly Rate</u>
Professional Staff	
Principal/Officer of Firm	\$180.00 to \$200.00
Managing: Engineer, Surveyor, Scientist, Landscape Architect, Planner	\$120.00 to \$180.00
Senior: Engineer, Surveyor, Scientist, Programmer, Landscape Architect, Designer, Planner	\$95.00 to \$130.00
Staff: Engineer, Surveyor, Scientist, Programmer, Landscape Architect, Designer, Planner	\$80.00 to \$115.00
Junior: Engineer, Surveyor, Scientist, Programmer, Designer, Planner	\$65.00 to \$80.00
Expert Witness Testimony/Court Appearance	\$225.00
Technical Support Staff	
Senior: Calculator, Chief of Party, Drafter, Instrument Operator, Technician, Text Processor	\$70.00 to \$90.00
Staff: Calculator, Drafter, Instrument Operator, Technician, Text Processor, Administration, Support	\$45.00 to \$70.00
Field Survey Party*	
3 Person	\$160.00 to \$195.00*
2 Person	\$115.00 to \$160.00*

Expenses

Direct expenses shall be billed at cost. Direct expenses include cost of transportation, delivery, printing, telecommunications, presentation graphics, project supplies, soil and water testing, special consultants and other costs directly applicable to the individual project. A one-time archival charge of eight-tenths of one percent (.008) of total billings (excluding direct expenses) or One Hundred Dollars (\$100.00), whichever is greater, shall be assessed to each project.

* Premium rates apply for overtime hours, night shifts and weekend work.