

FILE NO. 5686

**REQUEST FOR PROPOSALS
FOR SERVICES TO DEVELOP
A CLIMATE CHANGE VULNERABILITY ASSESSMENT AND
ADAPTATION PLAN FOR THE CITY OF CAMBRIDGE.**

Sealed proposals will be received at the Office of the Purchasing Agent, Room 303, City Hall, and 795 Massachusetts Avenue, Cambridge, Massachusetts 02139 until 11:00 a.m., on **THURSDAY, JANUARY 19, 2012** for furnishing the following to the City of Cambridge:

The City of Cambridge acting through its Department of Public Works (DPW) and through the Community Development Department (CDD) and in cooperation with the Cambridge Public Health Department (CPHD) is seeking proposals from qualified companies to provide Design Services to the City in developing a Climate Change Vulnerability Assessment and Adaptation Plan. The City expects to execute two contracts as a result of this offering. An initial contract to complete a Vulnerability Assessment and a subsequent contract to complete an Adaptation plan. Each contract shall be for a period of eighteen (18) months. While it is the City's preference to use the same Consultant team for both projects, the City maintains the right to choose an alternative team for the Adaptation plan. The City will request a fixed fee proposal for the first contract which will be primarily associated with developing a vulnerability assessment document for the City.

Copies of the Request for Proposal may be obtained at the Office of the Purchasing Agent on and after **THURSDAY, DECEMBER 29, 2011** between the hours of Monday, 8:30 a.m. and 5:00 p.m.

This bid may be downloaded from the City's website, www.cambridgema.gov, Online Services, Current Bid List, Design RFP.

A pre-submission conference will be held at 11:00am on **TUESDAY, JANUARY 10, 2012** in the Ackerman Room, 2nd floor, Cambridge City Hall, 795 Massachusetts Avenue, Cambridge, MA 02139.

The successful offeror must be an Equal Opportunity Employer.

The City of Cambridge reserves the right to reject any or all proposals, waive any minor informality in the proposal process, and accept the proposal deemed to be in the best interest of the City. The City of Cambridge has established or will establish prior to negotiations a not-to-exceed fee.

THERE MUST BE NO MENTION OF THE APPLICANT'S FEE IN THE PROPOSAL. ANY MENTION OF THE FEE WILL SUBJECT THE PROPOSAL TO REJECTION.

Questions concerning the Request for Proposals may be submitted in writing by 5:00 p.m. **THURSDAY, JANUARY 12, 2012** to Cynthia H. Griffin, at the address above or by fax (617-349-4008). Answers will be sent to all vendors who received the Request for Proposals through the Purchasing Office.

One original and ten (10) copies of the proposal marked "A Climate Change Vulnerability Assessment and Adaptation Plan for the City of Cambridge" must be received by Cynthia H. Griffin, Purchasing Agent, City of Cambridge, and 795 Massachusetts Avenue, Cambridge prior to 11:00 a.m., **THURSDAY, JANUARY 19, 2012**. Any proposals received after such time will not be accepted, unless the date and time has been changed by addendum. Delivery to any other office or department does not constitute compliance with this paragraph, unless the proposals are received by the Purchasing Department by the established deadline. It is the responsibility of the applicant to assure proper and timely delivery.

Cynthia H. Griffin
Purchasing Agent

**CITY OF CAMBRIDGE
REQUEST FOR PROPOSALS
FOR A CLIMATE CHANGE VULNERABILITY ASSESSMENT AND ADAPTATION
PLAN FOR THE CITY OF CAMBRIDGE
INSTRUCTIONS TO APPLICANTS**

(1) CONTENT OF THE PROPOSAL: Each proposal should contain only pertinent information and requested documentation; demonstrate how the applicant meets the minimum qualifications set forth in the advertisement for the Request for Proposals; demonstrate the previous relevant experience of the applicant; have a table of contents or easily discernible, labeled sections; and contain exceptions, if any, to the Agreement attached hereto.

Each proposal must contain, at minimum, the following documents: DSB-2011 Form; résumés of all persons participating in the Project, including, but not limited to, the principals and consultants; and financial information. A proposal, which does not provide the information and documentation requested or suggested, may be deemed non-responsive and thereafter rejected.

Proposals should be limited to 40 pages in length, exclusive of resumes, forms, references and appendices.

(2) SUBMISSION OF THE PROPOSAL: Each original proposal (marked "ORIGINAL" on the sealed package) along with the number of additional copies set forth in the advertisement for Request for Proposals must be delivered to Cynthia Griffin, Purchasing Agent, City of Cambridge Purchasing Department, 795 Massachusetts Avenue, Third Floor, Cambridge, MA 02139 no later than the date and time set forth in the advertisement and in the manner set forth therein. It is the responsibility of the applicant to insure that delivery is made in a proper and timely fashion. Any proposals received after such time will not be accepted, unless this date and time have been changed by addendum. Delivery to any other office or department does not constitute compliance with this paragraph, unless the proposals are received by the Purchasing Department by the deadline for receipt of proposals.

(3) QUESTIONS AND CLARIFICATIONS: Any questions or requests for clarification must be submitted in writing to the Purchasing Agent no later than 5:00 p.m. **Thursday, January 12, 2012.** At the sole discretion of the Purchasing Agent, an addendum will be issued with clarifications or answers to the questions. Oral responses by the City are non-binding.

(4) CORRECTION, MODIFICATION, OR WITHDRAWAL OF PROPOSAL: Prior to the deadline for receipt of proposals, an applicant may correct, modify, or withdraw its proposal by making the request in writing. All corrections, modifications, or withdrawals must be delivered to the Purchasing Department in a sealed envelope with a notation on the envelope indicating the title of the project, the deadline for the receipt of the proposals and a notation that the envelope

contains a correction, modification, or withdrawal of the original proposal submitted for the particular project.

(5) ADDITIONAL INFORMATION REGARDING THE PROJECT

Additional information with regard to the project may be attached hereto. Any such information is deemed incorporated herein and made a part hereof.

(6) DURATION OF PROPOSAL

A proposal will remain in effect for a period of ninety (90) calendar days from the deadline for submission of proposals, until it is formally withdrawn according to the procedures set forth herein, a contract is executed, or this RFP is cancelled, whichever occurs first. The City reserves the right to reject any and all proposals, or portions thereof.

(7) ADDENDA

Please check back on the website for Addendums before submitting your bid to the City. Bidders will not be notified individually of Addendums.

Addenda will be mailed by the Purchasing Agent only to those persons who were issued a copy of the RFP by the Purchasing Department. The Purchasing Agent may elect to issue any addendum by either regular U.S. mail or by fax.

(8) GENERAL TERMS AND CONDITIONS

The Agreement for this project will be between the City and the successful applicant and will be administered by the Department of Public Works and the Community Development Department.

The general terms and conditions of the Agreement between the City and the successful applicant are set forth in the attached Agreement which is incorporated by reference herein.

(9) SELECTION CRITERIA

The selection of the finalists will be based, at minimum, on the following criteria: prior applicable experience; past performance on public and private projects; financial stability; and identity and qualifications of the consultants who will work with the applicant on the project, including professional registration when required.

Each applicant will be required to state what exceptions it has, if any, to the terms of the proposed Agreement, attached hereto. If no exceptions are raised, the applicant will be deemed to have waived any right to make exceptions thereafter. The City reserves the right to reject an applicant if, in the opinion of the City, the exceptions are inconsistent with the goals of the City.

(10.1) Proposal Submission Requirements

- 10.1.1 Designer Selection Application (DSB-2011, attached, Appendix A).
- 10.1.2 List at least three entities, of which two must be in the public sector, for which you have conducted similar design services. Please include the name and telephone number of the contact person at each, the year of the contract, and the nature of the project. These contacts shall serve as references. Also, include no less than three personal references of the key members assigned to the project, also from former clients. Such references will be used to determine an offeror's responsibility.
- 10.1.3 Resumes of key staff who will be assigned to this project, with a description of responsibilities. Identification of additional consultants needed for the duration of the project is important.

(10.2) Evaluation of the Proposals.

- 10.2.1 Proposals: Each offeror must submit a written proposal to this RFP which includes full and clear responses to the evaluation criteria. A Selection Committee will evaluate each proposal based on the evaluation criteria.
- 10.2.2 Price Proposal: Price will not be considered when initially evaluating a proposal. After the finalists have been ranked, the City will enter into price negotiations with the offeror.
- 10.2.2 References: References will be contacted to determine if the offeror is responsive and responsible. References will be asked about their overall impression of the offeror, quality of work performed, understanding of factors affecting implementation, and the timeliness of the product.
- 10.2.3 Interviews: The Selection Committee may interview finalists to determine if the offerors are responsive and responsible, and meet the needs of the City. Offerors should therefore be prepared to travel to Cambridge for this interview, which should include the Team Leader and additional key personnel who will be working on the project on a day-to-day basis. The City will not assume any travel costs related to these interviews.
- 10.2.4 Award of Contract: The City may award a contract to a responsive and responsible offeror. The City reserves the right to reject any and all proposals if it determines that it is in the best interest of the City to do so.

(11) SELECTION PROCESS

All proposals will be reviewed by the Designer Selection Committee ("the Committee"). The Committee will select a short list of applicants to be interviewed ("the short list"). The Purchasing Agent will notify all applicants of the names of the applicants selected for the short list.

The short-listed applicants will be notified, either by mail, fax, or telephone, of the date, time and place for their interviews and any other pertinent information related thereto.

Within a reasonable period of time after the last interview, the Committee will forward to the City Manager its recommendation of the final ranking of the short-listed applicants. The City Manager may, at his sole discretion, interview any of the finalists.

The City Manager may accept or reject the ranking. The applicant selected by the City Manager will be notified either by mail, fax, or telephone of the selection. If the fee is to be negotiated, the selected applicant will be instructed by the Purchasing Agent to submit to the City Manager a fee proposal by a certain date. Negotiations will commence thereafter, until an acceptable fee has been reached. In the event negotiations are unsuccessful, the City will request the second ranked finalist, then if necessary the third ranked finalist, to submit a proposal in the same manner as for the first ranked finalist. In the unlikely event negotiations are unsuccessful with the four top finalists; the City may re-advertise the RFP or may select additional finalists from the original pool of applicants.

Once successful negotiations have concluded or if the fee has been set, the City will prepare the appropriate number of contracts and submit them to the successful applicant for signature. Upon receipt of the executed contract and all other required documents, the City will have the contracts signed by the appropriate City officials and process a purchase order. Unless otherwise stated, the issuance of the purchase order is tantamount to a Notice to Proceed, at which time the successful applicant will be expected to begin work under the contract.

CITY OF CAMBRIDGE CLIMATE CHANGE VULNERABILITY ASSESSMENT AND ADAPTATION PLAN

(1) INTRODUCTION

The City of Cambridge is seeking an experienced and qualified consulting company (consultant) or group of consultants to develop a Climate Change Adaptation Plan for the City. This plan would be broken into two parts, a vulnerability assessment that would be completed in the first eighteen (18) months of the project and subsequent adaptation plan based on prioritized vulnerabilities which will be developed in the second period of the project. City staff will serve as a resource to guide future climate change adaptation planning. The City also expects to appoint a technical advisory committee, who will represent various sectors of the community to include members of the Climate Protection Action Committee (CPAC), neighborhood representatives, business representatives and experts from local academic institutions.

It is expected that respondents to this proposal will be generally familiar with City government operations and must have a background of working with cities similar to the City of Cambridge in addressing the planning and programmatic needs of the community. Respondents must have experience in resolving planning and infrastructure issues related to the municipal environment and have successful experiences in dealing with the broader community in addressing issues similar to those associated with climate change. Some demonstrated experience in considering human health and safety outcomes, both short-term and long-term, should be evident through previous projects and through stated expertise of staff associated with the applicant. Respondents must also have a thorough understanding of State and Federal laws and programs that apply to or may affect municipal governments.

The City expects that it will solicit a fixed fee proposal from the successful firm, if awarded; the contract shall be for a period of eighteen months with an option to renew at the sole discretion of the City, as the project moves from vulnerability identification to the adaptation planning phase. Prospective proposers must demonstrate the ability to provide the services described in this document, must meet all minimum criteria, and must submit a complete proposal. A contract will be awarded within 90 days of the proposal submission date, unless the award date is extended by consent of all parties concerned.

(2) CONSULTANT PROJECT TEAM

The City shall enter into a contract with a prime vendor, which may be a person, a corporation, a partnership, or a joint venture ("Project Team"). The proposal must demonstrate that Project Team members have the specific experience outlined in this request. A Team Leader for the Project Team must be designated.

The selected offeror must have as part of the team the following disciplines: Planning including public engagement, Engineering, Environmental and Public Health Professionals, Other disciplines may be added as needed.

Each member of the Team must have demonstrated successful experience within his or her discipline. Members of the Project Team who are registered with a professional organization should provide evidence of registration or licensing to practice professionally within the Commonwealth of Massachusetts.

(3) BACKGROUND

The City of Cambridge has been involved in addressing climate change mitigation at the local level since 1999; <http://www2.cambridgema.gov/cdd/et/climate/index.html>. Until recently, the City has focused on reducing greenhouse gas emissions. But given the state of the science on climate change, and the evidence that exists with regard to changes that have occurred over the last century the City believes that some degree of climate-driven disruption is unavoidable. Therefore, we need to work on both climate change mitigation and adaptation.

The City's climate change advisory committee has recommended that the City prepare a climate change vulnerability assessment as a first step in adaptation planning. The City Manager has accepted this recommendation and directed staff to begin work on implementing it. In November 2010, the City of Cambridge was among the U.S. inaugural communities in the ICLEI Climate Resilient Communities program. ICLEI has conducted a workshop for City staff on adaptation planning, which served as the kickoff for this project.

Please refer to the following link specific to some of the climate change scenarios predicted for the State of Massachusetts as described in the Massachusetts Climate Change Adaptation Report, September 2011, as submitted by the Executive Office of Environmental Affairs and the Adaptation Advisory Committee ;
<http://www.mass.gov/?pageID=eoeeahomepage&L=1&L0=Home&sid=Eoeea>. It should be noted that the City is open to accepting different climate change projections if information is provided to substantiate such.

(4) OBJECTIVES

The objective of the project is to identify current and future vulnerabilities to climate change, identify possible strategies to protect Cambridge against the potential negative impacts associated with climate change, prepare the City to take advantage of positive changes, and identify issues that require regional approaches. As a working definition of “climate change vulnerability”, we are using the definition used by ICLEI and the Intergovernmental Panel on Climate Change: *Susceptibility of a system to harm from climate change impacts. Vulnerability is a function of a system’s sensitivity to climate and the capacity of that system to adapt to climate changes. Systems that are sensitive to climate and less able to adapt to changes are generally considered to be vulnerable to climate change impacts.*

The vulnerability assessment should identify and prioritize key climate change impacts and vulnerabilities at the community level for consideration in the development of a climate change adaptation plan. The nature and magnitude of climate change impacts to public property, private property, infrastructure systems, natural resources, community health, vulnerable populations and the cultural resources needs to be assessed. The City is interested in taking a flexible risk-based approach to the assessment that is driven by a range of possible scenarios, rather than depending on a single scenario, but is open to considering other approaches. At present it is recognized that one of the more significant challenges that exists with regard to climate change risk assessments is that the modeling information that exists specific to various climatic parameters needs to be downscaled to reflect a scale that describes statewide and state-specific impacts. Nevertheless, the City is fortunate in having a significant body of information and resources available so as to simulate and understand some of the impacts of some of the projected climate changes projected to occur and how they may impact the City.

The City maintains a sophisticated, up to date GIS system;

<http://www2.cambridgema.gov/GIS/DBDictionary.cfm?tnltext=GIS%20Database%20Dictionary> that provides accurate spatially generated data specific to the municipal transportation networks, municipal infrastructure, including drainage systems, sewer systems, ~~water distribution-supply~~ systems(i.e. watershed, reservoirs, dams, conduits, transmission and distribution system) and municipal lighting systems. The system also maintains layers specific to environmental information including, a municipal tree inventory, wetlands inventory, open space information and watershed information, base mapping that identifies buildings, pervious and impervious surface and water related features, public facilities including public safety buildings and youth and senior centers and recreational spaces. The system also includes demographic information generated from the last two census surveys completed (1990 and 2000). A new flyover of the city

was completed in April 2010, the results of which are presently being updated onto the various maps. The new information will provide topographic maps with one (1) foot contours.

The City has a longstanding sewer separation, stormwater management and flood protection program ongoing throughout the City. Given the age of the City, the majority of the sewer and drainage systems originally constructed were constructed as combined sewer systems. Over time much of the system has been modified, nevertheless, as of today approximately 65% of the drainage system in the city remains as a combined sewer system with fourteen (14) combined sewer overflows discharging to the Alewife Brook and the Charles River. (10 of the CSOs are Cambridge responsibility). Because of the topographically flat nature of the City there are many areas that are subject to severe and frequent flooding. In the Charles River watershed most of the flooding has occurred due to inadequate conveyance capacity in the municipal and regional (MWRA) systems. In the Alewife Brook much of the flooding is caused by overland flooding when the brook breaks out of its banks. In order to combat such, the City has built elaborate flood protection systems in many of the impacted areas of the City. To that end the City has utilized the Infoworks hydraulic modeling software. At present, working with Kleinfelder SEA and MWH Global, the City has modeled most of those areas in the City that are most prone to flooding. So as to preserve the integrity of the existing sewer and drainage program, the City expects to continue to employ KSEA/MWH to provide hydraulic modeling services for the purposes of the vulnerability assessment and adaptation planning specific to system flooding. It is expected that KSEA/MWH will provide assistance, to the extent necessary, in identifying locations throughout the city that are most vulnerable to flooding, (primarily due to municipal system conveyance limitations) and will additionally, to the extent required and feasible, provide assistance in identifying infrastructure improvements, to address or mitigate flooding etc. as a result of climate change.

The City owns and operates its own water system that includes: a 24 square mile watershed, located in the towns of Waltham, Weston, Lincoln, Lexington and Cambridge; three reservoirs, Hobbs Brook (2.5 billion gallons), Stony Brook (420 million gallons) and Fresh Pond (1.5 billion gallons) Reservoirs; two dams; several gatehouses; a 24 MGD treatment facility; and a 32 million gallon finished storage tank in Belmont. The potential climate change vulnerabilities relating to drought, flooding, and other impacts must also be identified. There is substantial documentation of this system in the forms of GIS mapping (watershed and distribution systems), watershed protection plans, inundation analyses, emergency procedures and the Fresh Pond Reservation Natural Resources Inventory.

In order to guarantee the success of this project, it is of significant importance to the City that the process of identifying vulnerabilities and developing adaptation strategies incorporates a community process that is thorough and a decision making process that is transparent. Given the complexities and uncertainties associated with risk assessment around climate change, experienced and nuanced communication skills will be imperative in discussing climate change vulnerability and adaptation planning in the City.

The City intends to engage key institutions, businesses, government agencies, and other stakeholders in the preparation of the vulnerability assessment in order to build local knowledge and confidence in the findings. The assessment will also be vetted with the public at specified milestones to provide transparency and to help educate the public.

(5) PROJECT SCOPE FOR VULNERABILITY ASSESSMENT

The City wishes to explore all aspects of its vulnerabilities to climate change and proposed adaptation strategies. The project should include the following items at minimum; bearing in mind the uncertainties associated with identified impacts, the degree of impact and the timeframes associated with such;

- (1) A listing of those climate changes that will have most profound impacts on the City.
- (2) Identification of the climate change projections to be used and the scientific basis for such. Source materials, scenario development and statistical information/analysis should be provided so as to better inform risk analysis.
- (3) A review of the vulnerabilities using the ICLEI – Local Governments for Sustainability Climate Change ADAPT tool (http://www.icleiusa.org/climate_and_energy/Climate_Adaptation_Guidance/adaptation-database-and-planning-tool-adapt).
- (4) Infrastructure vulnerability assessment (public and private).
- (5) A general review of existing legal/ regulatory factors around vulnerabilities.
- (6) An evaluation of existing relationships with the various infrastructure sectors (Energy, Transportation, Communications and Water infrastructure) and advancing strategies to enhance co-ordination,
- (7) A review of emergency response systems to ensure adequacy in breadth and capacity of response and recovery systems.
- (8) An assessment of existing public health facilities and systems and the assessment

of the adequacy of such to face the challenges associated with the various community health and environmental health impacts expected.

- (9) A review of the organizational capacity and resilience of City government.
- (10) A review of the economic impact on City businesses and residents.
- (11) A review of insurance and underwriting strategies around vulnerability assessments and adaptation strategies.
- (12) Please provide your propose community outreach strategies and developing and sustaining public engagement and consensus around vulnerability assessment and adaptation planning.
- (13) An assessment of the City's existing relationships specific to regional cooperation and how such should be strengthened or realigned to better prepare for climate change.
- (14) An examination of existing strategies around vulnerabilities and the incorporation of new technologies and innovation in enhancing resilience around such.

The City is particularly interested in having the chosen team identify those key opportunities for improving the adaptive capacity of the City incorporating no and low regret strategies and measures with co-benefits. It is expected that the scope of work associated with the Adaptation Plan will be developed from the Vulnerability Assessment captured as a result of this exercise.

(6) QUALITY REQUIREMENTS:

Please answer the following by checking either YES or NO. Failure to respond to these items or a no response will result in rejection of your proposal.

It is expected that the chosen consultant team will meet the following quality requirements and will substantiate such with examples:

- (1) Have managed a Community Involvement Process around complex environmental or planning scenarios.
YES NO
- (2) Have experience in working across various infrastructure and utility sectors.
YES NO
- (3) Have within the team members who have expertise/experience in Climate Change scenario development/hazard identification and risk assessment in municipal or similar settings.
YES NO

(4) Have within the team members who have expertise/experience in municipal emergency response and recovery systems.

YES

NO

(5) Have within the team members who have public health (e.g. epidemiology, chronic disease management, communicable disease management) and environmental health (exposure-mediated health effects from all hazards) expertise around climate change scenarios.

YES

NO

(7) TYPE AND EXPERIENCE OF CHOSEN TEAM.

Interested applicants should also include in their proposal:

- Number of years in business
- Overview of services offered,
- Qualifications
- Details of any specific experience related to climate change planning, including internet links to completed documents
- Resumes of key consultant team members and description of what each member to will contribute to the project
- Three references - for each reference please provide the following:
 - Service Provided
 - Date of Service
 - Client Organization
 - Contact name and title
 - Phone
 - Email address

(8) Schedule

Applications need to include a proposed schedule for completing the vulnerability assessment, including key milestones for analyses and at which to consult key stakeholders and communicate with the public.

(9) Deliverables

- List of data and analysis needs
- Stakeholder and public engagement and communications plan for the vulnerability plan.
- Draft report on the vulnerability assessment;

This document shall be a living document subject to continuous re-assessment and will include:

- (a) Identifying in accordance with paragraph 5 of the Scope of Work detailed responses, at minimum, to each of the various issues identified specific to the areas of vulnerability.
 - (b) Articulation of the processes around the development of the risk assessment strategies for the project.
 - (c) Identification of the extent of the risk associated with each of the vulnerabilities identified,
 - (d) Articulation of the processes around prioritization of those vulnerabilities, given the risk assessment.
 - (e) Identification of those vulnerabilities that have been prioritized for more immediate attention in the Adaptation plan using the ICLEI ADAPT approach.
- Final report on the vulnerability assessment
 - Draft report on Adaptation Plan

It is expected that the Adaptation plan will be an effective response to the Vulnerability Assessment. It is expected that this document similar to the Vulnerability Assessment will be a living document subject to continuous reassessment; it will include:

 - (a) A discussion of the various goals or levels of resilience projected in response to the vulnerabilities identified.
 - (b) An executive recommendations plan identifying the various legal, (zoning for example), financial, programmatic, operational and design strategies necessary to best combat evolving climate change.
 - (c) A detailed adaptation response to the prioritized vulnerabilities
 - (d) An analysis the City's adaptive capacity and a cost benefit assessment for the various strategies proposed as part of the adaptation plan.
 - (e) The development of a Reassessment and Implementation Plan, to include guidelines for a Robust Decision Making Process given the broad uncertainties associated with Climate Change together with the evaluation and development of

Trigger Point Implementation Strategies given with the multiple drivers associated with climate change scenarios.

- Final report on Adaptation Plan

(10) Regulations

The project must comply with all applicable federal and state laws and City ordinances and regulations.

(11) Contract General Terms and Conditions.

- 11.1. The contract for this project will be between the City of Cambridge and the consultant, and will be administered by the Department of Public Works and the Community Development Department.
- 11.2. A proposal will remain in effect for a period of 90 calendar days from the deadline for submission of proposals or until it is formally withdrawn, a contract is executed or this RFP is canceled, whichever occurs first. The City reserves the right to reject any and all proposals.
- 11.3. The City will have the option to cancel the contract provided that written notice is given 30 days prior to the effective termination date.
- 11.4. Any changes or additions to consultants or personnel named in the application must be submitted in writing and approved by the City.
- 11.5. The City encourages minority firms to apply, and if subcontractors are used, encourages the use of minority subcontractors. The Purchasing Department and the Office of Affirmative Action can provide assistance to firms wishing to identify minority subcontractors.

**CITY OF CAMBRIDGE
REQUEST FOR PROPOSALS
ANTI-COLLUSION/ TAX COMPLIANCE STATEMENT**

The undersigned certifies under penalty of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any person. As used in this certification, "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity or group of individuals.

As required by M.G.L. Chapter 62C, Section 49A, the undersigned further certifies under penalty of perjury that the bidder has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Signature

Name and title of person signing proposal

Date

Name of business

Address

RETURN THIS FORM WITH YOUR PROPOSAL

**CITY OF CAMBRIDGE
DESIGNER'S OR CONSTRUCTION MANAGER'S
TRUTH-IN-NEGOTIATIONS CERTIFICATE**

For Negotiated Fees

The undersigned hereby certifies under the penalties of perjury that the wage rates and other costs used to support its compensation are accurate, complete and current at the time of contracting.

The undersigned agrees that the original contract price and any additions to the contract may be adjusted within one year of completion of the contract to exclude any significant amounts if the City determines that the fee was increased by such amounts due to inaccurate, incomplete or noncurrent wage rates or other costs.

By (signature): _____

Name and Title: _____

Date: _____

Reference: M.G.L. c. 7, §38H(b)

This form must be submitted with the proposal.

**FOR DESIGNER SERVICES
BETWEEN
THE CITY OF CAMBRIDGE
AND
THE ENGINEER**

This Agreement made on the _____ is between the City of Cambridge ("the **City**"), City Hall, 795 Massachusetts Avenue, Cambridge, MA 02139 and _____ ("the **Engineer**") located at _____

for the services described herein and in the attached APPENDIX A, Request for Proposals ("RFP").

The **City** and the **Engineer** agree to the following:

ARTICLE 1

DEFINITIONS

1.1. In General.

1.1.1. Well-known meanings. When words or phrases which have a well-known technical or construction industry or trade meaning are used herein, such words or phrases shall be interpreted in accordance with that meaning, unless otherwise stated.

1.1.2. Capitalization. The words and terms defined in this Article are capitalized in this Agreement. Other capitalized words may refer to a specific document found in the Contract Documents or may be defined in the General Terms and Conditions of the Contract.

1.1.3. Persons. Whenever the word person or persons is used, it includes, unless otherwise stated, entity or entities, respectively, including, but not limited to, corporations, partnerships, and joint venturers.

1.1.4. Singular and Plural. The following terms have the meanings indicated which are applicable to both the singular and the plural thereof.

1.2. Definitions.

1.2.1. Agreement - The Agreement is this written document between the **City** and the **Engineer** which is titled: Agreement for Designer Services between the City Of Cambridge and the **Engineer**, which is the executed portion of the Contract, and which forms a part of the Contract. The Agreement also includes all documents required to be attached thereto, including, but not limited to, certificates of insurance and all modifications of the Agreement.

1.2.2. Change Order - A Change Order is a document which is signed by the Contractor and the **City** which is directed to the Contractor and which authorizes the Contractor to make an addition to, a deletion from, or a revision in the Work, or an adjustment in the sum or in the time of the Contract issued on or after the date of the Contract.

1.2.3. Construction Cost - The Construction Cost is the total cost or estimated cost to the **City** of all elements of the Project designed or specified by the **Engineer**. The Construction Cost shall include the

cost of labor at current prevailing wage rates established by the Commonwealth and furnished by the **City**, materials and equipment designed, specified, selected, or specially provided for by the **Engineer**, plus a reasonable allowance for the overhead and profit. In addition, a reasonable allowance for contingencies shall be included for market conditions at the time of bidding and for changes in the Work during construction. Construction Cost does not include the compensation of the **Engineer** and the **Engineer's** consultants, the costs of the land, rights-of-way, financing, or other costs which are the responsibility of the **City** as provided herein.

1.2.4. Construction Documents - The Construction Documents consist of Plans and Specifications setting forth in detail the requirements for the construction of the Project.

1.2.5. Contract Documents - The Contract Documents consist of the Agreement between the City and the Contractor; the notice of award of the Contract; the Notice to Proceed; the entire Project Manual; Change Orders; Work Change Directives; the Contractor's Bid and all accompanying documents; and the **Engineer's** written interpretations and clarifications issued on or after the issuance of the Notice to Proceed.

1.2.6. Contract - The Contract consists of all the Contract Documents.

1.2.7. Contractor - The Contractor is the person who is awarded the construction contract for the Project pursuant to M.G.L. c. 149, §§44A-H, inclusive, and is identified in the Agreement as such. The term "Contractor" is intended to include the Contractor as well as its authorized representative(s).

1.2.8. General Terms And Conditions Of The Contract - General Terms and Conditions of the Contract refers to the General Terms and Conditions of the Contract between the City and the Contractor.

1.2.9. Product Data - Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

1.2.10. Project - The Project is the total construction of which the Work to be provided under the Contract Documents may be the whole or a part of the Project as indicated elsewhere in the Contract Documents and may include construction by the **City** or by separate contractors. The Project is the Work described in the invitation to bid and Specifications, and illustrated by the Plans.

1.2.11. Proposed Change Order - A Proposed Change Order is a Change Order that has not been approved by the **City**.

1.2.12. Reimbursable Expenses - Reimbursable Expenses are in addition to compensation for Basic and Additional Services and include expenses incurred by the **Engineer** in the interest of the Project, as identified by the following: long distance calls and faxes; fees paid for securing approval of authorities having jurisdiction over the Project; reasonable expense of reproduction necessary for the rendition of services hereunder, which expense shall not include the expense of producing the sets of documents referred to in the Schematic Design Phase, the Design Development Phase, and the Construction Document Phase herein, as these expenses are covered in the **Engineer's** compensation for Basic Services; expense of postage and such other expenses incurred in connection with the Project when specifically authorized in advance in writing by the **City**. Payment for photocopying letter or legal size documents shall not exceed 10¢ per page. Payment for all other documents shall be at cost.

1.2.13. Samples - Samples are physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.

1.2.14. Shop Drawings - Shop Drawings are all drawings, diagrams, illustrations, schedules, and other information which are specifically prepared or assembled by or for the Contractor and submitted by the Contractor to illustrate some portion of the Work.

1.2.15. Statement of Probable Construction Costs - The Statement of Probable Construction Costs is a preliminary, detailed estimate of Construction Cost based on current area, volume, or other unit costs. Such estimate shall indicate the cost of each category of work involved in constructing the Project (including, but not limited to, filed sub-trades) and shall establish the period of time for each category from the commencement to the completion of the construction of the Project. The detailed estimate shall include quantities of all materials and unit prices of labor and material, as well as a cost estimate containing individual line items for each item of work.

1.2.16. Substantial Completion - Substantial Completion means that the Work has been completed and opened to public use, except for minor incomplete or unsatisfactory items that do not materially impair the usefulness of the Work. The **Engineer** shall decide what constitutes "minor," "incomplete," "unsatisfactory," and "materially" and the **Engineer's** decision shall be final.

1.2.17. Work Change Directive - A Work Change Directive is a written directive to the Contractor issued on or after the date of the contract between the **City** and the Contractor and signed by the **City** and recommended by the **Engineer** ordering an addition to, a deletion from, or a revision in the Work.

1.2.18. Work - The Work means the construction and services required by the Construction Documents, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill its obligations. The Work may constitute the whole or a part of the Project.

ARTICLE 2

THE ENGINEER'S RESPONSIBILITIES

2.1. STANDARD OF PERFORMANCE. The Engineer shall perform the services under this Agreement with the skill, care, and diligence in accordance with the high level of professional standards prevailing in the greater Boston area for the type of construction required herein. All of the **Engineer's** services under this Agreement shall be performed as expeditiously as is consistent with such standards. The **Engineer** shall be responsible in accordance with those standards for the adequacy, safety, and overall integrity of the Project's design, including, but not limited to, the Engineerural, structural, mechanical, and electrical design of the Project.

2.2. SCHEDULE OF PERFORMANCE. Upon request of the **City**, the **Engineer** shall submit for the **City's** approval a schedule for the performance of the **Engineer's** services, which schedule shall be attached hereto as APPENDIX B. The time limits established by the schedule approved by the **City** shall not be exceeded by the **Engineer**, except as otherwise provided herein. Time is of the essence and time periods established by the attached APPENDIX B shall not be exceeded by the **Engineer** except for delays due to causes outside the **Engineer's** control (which term shall not include staffing problems, insufficient financial resources, consultant's default, or negligent errors or omissions on the part of either the **Engineer** or any of its consultants).

2.3. TIMELINESS OF INTERPRETATIONS, CLARIFICATIONS, AND DECISIONS. With regard to all phases of this Agreement, the **Engineer** shall render interpretations, clarifications, and decisions in a timely manner pertaining to documents submitted by the **City** or the Contractor in order to avoid unreasonable

delay in the orderly and sequential progress of the **Engineer's** services.

2.4. RELATIONSHIP WITH THE CITY. For the purposes of this Agreement, the **Engineer** shall be a representative of the **City** and shall advise and consult with the **City** until the termination of the Contractor's warranty and correction period.

ARTICLE 3

SCOPE OF THE ENGINEER'S BASIC SERVICES

3.1. IN GENERAL.

3.1.1. The **Engineer's** Basic Services shall consist of:

3.1.1.1. those services identified below within the different phases;

3.1.1.2. any other professional services which are reasonably necessary as determined by the **City** for the design and administration of construction of the Project, including, without limitation, the following:

3.1.1.2.1. all surveys, geotechnical services, testing services, and related information and reports reasonably required by the Project, geotechnical and civil engineers; landscape Engineer; independent cost estimator; fire protection, life safety, lighting, interior design, asbestos removal, and movable equipment consultants; and normal structural, mechanical, and any other engineering services necessary to produce a complete and accurate set of Construction Documents (the cost for any and all professional services is not subject to profit adjustments);

3.1.1.3. attending and providing testimony at any formal or informal hearings related to the Project, including, but not limited to, bid protest hearings and City Council meetings, if deemed necessary by the **City**. If the **Engineer** is called as a witness in a court of competent jurisdiction in a matter in which the **Engineer** is a named party, the **Engineer** will not be additionally compensated. If the **Engineer** is called by the **City** as a witness in a matter in a court of competent jurisdiction in which the **Engineer** is not a named party, the **Engineer** will be compensated according to APPENDIX C attached hereto;

3.1.1.4. preparing for and appearing on the **City's** behalf at all administrative or regulatory hearings, presentations, or conferences with respect to any zoning, building code, urban renewal, or other matters in connection with the Project, including, without limitation, any hearings, presentations, or conferences with any City, State, or Federal agencies or officials and any neighborhood groups. The **Engineer's** obligations under this paragraph shall include preparing plans and other materials reasonably required in connection with any such hearings, presentations, and conferences;

3.1.1.5. assisting the **City** in connection with the **City's** responsibility for filing documents required for the approval of governmental authorities having jurisdiction over the Project. The **Engineer** shall prepare the Plans and Specifications required in order to obtain approval of, and in accordance with, all requirements of all governmental agencies having jurisdiction over the Project. Any Plans and Specifications furnished by the **Engineer** which are discovered to be defective during any Phase will be promptly corrected by the **Engineer** at no cost to the **City**, and the **Engineer** will

promptly reimburse the **City** for all damages, if any, resulting from the use of such defective Plans and Specifications. The **City's** approval, acceptance, use of or payment for all or any part of the **Engineer's** services shall in no way alter the **Engineer's** obligations or the **City's** rights hereunder; and

3.1.1.6. all design and redesign services required within or between the Design Development Phase and the Construction Documents Phase to keep the Construction Cost of the Project within the fixed limit of Construction Cost.

3.1.2. As part of the Basic Services, the **Engineer** shall prepare record drawings in accordance with the following:

3.1.2.1. Record Keeping.

3.1.2.1.1. As the Construction Phase progresses, the **Engineer** shall maintain four separate sets of in-progress record drawings (blue-line or blackline) at the Site, one set each for mechanical, electrical, plumbing, and Engineerural/structural disciplines. All deviations from the Construction Documents and the exact locations of the Work as installed and constructed shall be neatly and accurately indicated. Work completed to date shall be colored and highlighted.

3.1.2.2. Permanent Record Drawing Preparation.

3.1.2.2.1. The **Engineer** shall transfer the information contained on the in-progress record drawings to wash-off mylar transparencies of the original contract drawings. All work shall be performed by experienced and knowledgeable draftspersons using the same standards and quality of drafting as used on the original drawings.

3.1.2.3. Review of Record Drawings at Substantial Completion.

3.1.2.3.1. Upon Substantial Completion of the Work or portions thereof, the **Engineer** or Engineer of record shall review and approve the above permanent record drawings.

3.1.2.4. Submission to the **City**.

3.1.2.4.1. The following shall be submitted to the **City** no later than the date of Substantial Completion:

3.1.2.4.1.1. A complete set of original Construction Documents on mylar and also on disk in AutoCad format.

3.1.2.4.1.2. Permanent record drawings as described above on mylar with the seal of the **Engineer** or Engineer of record.

3.1.2.4.1.3. One set of blue-line prints of the above.

3.1.2.4.1.4. Four sets of in-progress record drawings.

3.2. SCHEMATIC DESIGN PHASE.

3.2.1. Commencement. The Schematic Design Phase begins upon the full execution of this Agreement.

3.2.2. Written Program. The **Engineer** in consultation with the **City** and any other persons designated by the **City** shall develop a written program for the Project to ascertain the **City's** needs and to establish the requirements of the Project.

3.2.3. Preliminary Evaluation. The **Engineer** shall provide a preliminary evaluation of the **City's** program, schedule, and construction budget requirements, each in terms of the other.

3.2.4. Alternative Approaches. The **Engineer** shall review with the **City** alternative approaches to the design and construction of the Project.

3.2.5. Schematic Design Documents. The **Engineer** shall prepare, for approval by the **City**, Schematic Design Documents consisting of drawings and other documents illustrating the scale and relationship of Project components. Based upon the program approved by the **City**, as well as schedule and construction budget requirements, the Schematic Design Documents shall comply with all applicable laws, statutes, ordinances, codes, orders, rules, and regulations.

3.2.6. Independent Cost Estimators. As part of the Basic Services and when requested by the **City**, the **Engineer** shall retain the services of an independent cost estimator whose responsibilities shall include without limitation all cost estimates described in this Agreement, estimates of the cost of Proposed Change Orders and assistance in establishing a Change Order budget, and review and confirmation of the Contractor's cost estimates.

3.2.7. Statement of Probable Construction Costs. The **Engineer** shall submit to the **City** a Statement of Probable Construction Costs.

3.2.8. Life-Cycle Cost Estimates. If this Agreement includes Engineerural services necessary for the preliminary design of a new building or for the modification or replacement of an energy system in an existing building, life-cycle cost estimates for the Project shall be obtained at an initial stage and as a Basic Service. (*Reference: M.G.L. c. 149, §44M*).

3.3. DESIGN DEVELOPMENT PHASE.

3.3.1. Commencement. The Design Development Phase begins upon the **City's** written approval of the **Engineer's** Schematic Design Documents.

3.3.2. Preparation of Design Development Documents. Based on the approved Schematic Design Documents and any adjustments authorized by the **City** in the program, schedule, or construction budget, the **Engineer** shall prepare, for approval by the **City**, Design Development Documents consisting of drawings and other documents to fix and describe the size and character of the Project as to Engineerural, structural, mechanical, and electrical systems; materials; and such other elements as may be appropriate. The Design Development Documents shall be complete and unambiguous and shall comply with all applicable laws, statutes, ordinances, codes, orders, rules, and regulations.

3.3.3. Adjustment to Statement of Probable Construction Cost. The **Engineer** shall advise the **City** in writing of any adjustments to the Statement of Probable Construction Cost prior to the commencement of the Construction Document Phase. The approved adjustment of the Statement of Probable Construction Cost or the Statement of Probable Construction Cost, if there is no adjustment, shall

constitute a fixed limit of Construction Cost as that term is used herein. Such fixed limit, once established, shall be adjusted only by written agreement of the **City** and the **Engineer**, or as otherwise provided herein.

3.4. CONSTRUCTION DOCUMENT PHASE.

3.4.1. Commencement. The **Engineer's** responsibility to provide Basic Services for the Construction Document Phase under this Agreement commences with the **City's** acceptance and approval of the Design Development Documents and ends on the date the Bidding and Award Phase commences.

3.4.2. Preparation of Plans and Specifications. Based on the approved Design Development Documents and any further adjustments in the scope or quality of the Project or in the construction budget authorized by the **City**, the **Engineer** shall prepare, for approval by the **City**, Plans and Specifications setting forth in detail the requirements for the construction of the Project.

3.4.3. Preparation of Additional Bidding Information. The **Engineer** shall assist the **City** in preparing the bidding documents when requested by the **City**.

3.4.4. City-Generated Forms and Documents. The **City** shall provide the **Engineer** with copies of all **City**-generated forms and documents intended to be included in the Project Manual. The **Engineer** will include these forms and documents in its Project Manual. It is the responsibility of the **Engineer** to ensure that all such documents are included in the final Project Manual. Any costs incurred as a result of the failure of the **Engineer** to include any such documents will be borne by the **Engineer** and not charged to the **City**, where such failure is the fault of the **Engineer**. The **Engineer** may propose changes to these **City**-generated forms and documents; however, implementation of such changes are subject to the unilateral approval of the **City**. No changes may be made to such documents without the prior written consent of the **City**. The **Engineer** shall prepare and submit to the **City** for approval the entire Project Manual. The **Engineer** is responsible for ensuring that the Construction Documents comply with all statutory requirements. The **Engineer** will cause the printing of the Project Manuals unless the **City** instructs the **Engineer** otherwise. The Project Manuals shall be printed on paper with a minimum of 20% post consumer content. The cost of producing such Project Manuals will be passed onto the **City** at cost.

3.4.5. Addenda. All addenda shall be issued by the Purchasing Agent; however, at the Purchasing Agent's sole discretion, the **Engineer** may be called upon to prepare a draft of any such addenda. Any corrections to the Construction Documents which require an addendum will be made by the **Engineer** at no charge to the **City**.

3.4.6. Printing of Project Manual. The **Engineer** must provide the **City** with a final draft of the Project Manual and obtain approval from the **City** prior to printing. Any changes required to be made to the Construction Documents as a result of errors by the **Engineer** or persons within its control will be promptly corrected at no cost to the **City**. The **Engineer** shall make its best efforts to print Project Manuals on paper containing a minimum of twenty percent (20%) post consumer content.

3.4.7. Packaging the Project Manual. The **Engineer** will require the printer of the Project Manual to wrap each set of Plans in a brown wrapper, or, if the Plans are small in number, fold each set of Plans and insert one set into each Project Manual.

3.4.8. Delivery of Project Manual. The **Engineer** will use its best efforts to ensure that the Purchasing Department receives the number of Project Manuals requested by the Purchasing Department no later than 3:00 p.m. on the day prior to the first day of advertisement of the Invitation to Bid.

3.4.9. Adjustment to Statement of Probable Construction Cost. The **Engineer** shall

advise the **City** in writing of any adjustments to Statement of Probable Construction Cost indicated by changes in requirements or general market conditions.

3.5. BIDDING AND AWARD PHASE.

3.5.1. Commencement. The Bidding and Award Phase commences on the date the Invitation to Bid is first advertised pursuant to M.G.L. c. 149, §44J and ends on the date the Construction Phase begins.

3.5.2. Additional Bidders. The **Engineer** shall assist the **City** in obtaining bids if, in the opinion of the Purchasing Agent, an insufficient number of persons requested the Project Manual. The **Engineer** will notify "eligible" and "responsible" persons (as those terms are defined in the M.G.L. c. 149, §44A) of the Invitation to Bid.

3.5.3. When Lowest Bid Exceeds Total Construction Cost. If the lowest bona fide bid by a Contractor exceeds the total construction cost of the Project as set forth in the approved Statement of Probable Construction Costs by more than ten percent (10%), then upon the request of the **City**, the **Engineer** will revise the Plans and Specifications in consultation with the **City** to reduce or modify the quality or quantity, or both, of the Work so that the total construction cost of the Project will not exceed the total construction cost set forth in the Statement of Probable Construction Costs by more than ten percent (10%). All revisions pursuant to this paragraph shall be at the **Engineer's** sole cost and expense (which cost and expense include, but are not limited to the **Engineer's** time, the cost of reprinting the Project Manual, and the cost of readvertisement of the Project).

3.5.4. Pre-Bid Conferences. The **Engineer** shall attend all prebid conferences.

3.5.5. Investigation of Bidders. The **Engineer** shall investigate, at minimum, the lowest Bidder. The investigation shall include, but is not limited to, reviewing the files maintained by the Division of Capital Asset Management, or any other governmental agency charged with maintaining such documents related to such Bidder, telephoning or writing owners of the Bidder's prior projects, telephoning or writing Engineers from such prior projects, visiting the sites of such other projects and checking all other appropriate references. The **Engineer** shall provide the **City** with a detailed letter of approval or disapproval of such Bidder. The letter must include relevant language from the appropriate state laws regarding the eligibility and responsibility of Bidders (i.e., M.G.L. c.149, §44A(1), or, if appropriate, M.G.L. c. 29, §29F). If the **Engineer** disapproves of the lowest Bidder, then the **Engineer** must investigate the next lowest Bidder in the same manner described above, and continue to investigate each successive low Bidder until a Bidder is approved. For every Bidder investigated, the **Engineer** must provide the **City** with a detailed letter as described above.

3.5.6. Preparation of Contract. To the extent required, the **Engineer** shall assist the Purchasing Agent in the preparation of the construction contract.

3.6. CONSTRUCTION PHASE-ADMINISTRATION OF THE CONSTRUCTION CONTRACT.

3.6.1. Commencement. The Construction Phase commences with the full execution of the contract for construction and terminates on the date of expiration of all of the guarantees and warranties provided by the Contractor to the **City**.

3.6.2. Change in Engineer's Duties, Etc. Construction Phase duties, responsibilities, and limitations of authority of the **Engineer** shall not be extended without written agreement of the **City** and the **Engineer**. Any restrictions or modifications to the **Engineer's** duties and responsibilities can be imposed by the **City** without the consent of the **Engineer**.

3.6.3. Preconstruction Conferences. The **Engineer** shall attend all preconstruction conferences.

3.6.4. Site Visits. The **Engineer** shall visit the Site at intervals appropriate to the stage of construction, but no less than once a week, or as otherwise agreed by the **City** and the **Engineer**, to become familiar with the progress and quality of the Work and to determine with care if the Work is proceeding in accordance with the requirements of the Contract Documents. The **Engineer** shall cause its engineering and other consultants to make similar Site visits, at such times as may be required for observation of portions of the Work designed and/or specified by them. The **Engineer** shall not be required to make continuous on-site inspections to check the quality or quantity of the Work. The **Engineer** shall promptly submit to the **City** a detailed written report subsequent to each on-site visit, which shall include any observation of material deviations by the Contractor or subcontractors from the requirements of the Contract Documents.

3.6.5. Job Meetings. There shall be no less than one job meeting per week. The **Engineer** shall attend all job meetings. The number of meetings per week will depend on the complexity of the Project at a particular stage, the problems encountered on the Project, or the **City's** request that additional meetings be held. The **Engineer** shall also be required to be present when governmental authorities having jurisdiction over the Project visit the Site to inspect the Work. The **Engineer** will exercise good care and diligence in discovering and promptly reporting to the **City**, as well as to the Contractor, any defects or deficiencies in the Work .

3.6.6. Construction Means, Methods, Etc. The **Engineer** shall not have control over or charge of and shall not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work. However, the **Engineer** shall promptly report to the **City** any perceived irregularities.

3.6.7. Contractor's Schedule. Except as otherwise provided in this Agreement, the **Engineer** shall not be responsible for the Contractor's schedules or failure to carry out the Work in accordance with the Contract Documents, except to the extent that such failure is caused by the **Engineer**. Except as otherwise provided in this Agreement, the **Engineer** shall not have control over or charge of acts or omissions of the Contractor, its Subcontractors, or their agents or employees, or of any other persons performing portions of the Work. However, nothing in this paragraph shall relieve the **Engineer** of its obligations to the **City** elsewhere in this Agreement. The **Engineer** shall review all schedules presented by the Contractor and advise the **City** as to the appropriateness of same.

3.6.8. Communications. The **City** and the Contractor may communicate through the **Engineer**. Communications by and with the **Engineer's** consultants shall be through the **Engineer**, unless the **City** deems it necessary or expedient to speak directly to the consultants.

3.6.9. Applications and Certifications for Payment. Based on the **Engineer's** observations of the Work and evaluations of the Contractor's applications for payment, the **Engineer** shall review and certify the appropriate amounts due the Contractor within five (5) business days after receipt of the Contractor's application for payment, and such certifications shall be in the form requested by the **City**. The **Engineer's** certification for payment shall constitute a representation to the **City** based on the **Engineer's** observations at the site and on the data comprising the Contractor's application for payment that the Work has progressed to the point indicated and the quality of Work is in accordance with the Contract Documents. The foregoing representations are subject to minor deviations from the Contract Documents correctable prior to completion and to specific qualifications expressed by the **Engineer**. The **Engineer** is required to review and validate the certified payrolls. The **Engineer** is required to reconcile the applications for payment with the certified payrolls. The issuance of a certificate for payment shall further constitute a representation that the

Contractor is entitled to payment in the amount certified. Timely payment of Contractor is required by M.G.L. c. 30, §39K; therefore, the **Engineer** shall establish office procedures assuring either immediate mail or messenger delivery of the approved applications for payment to the **City**.

3.6.10. Rejection of Work. The **Engineer** shall have the responsibility, obligation, and authority to reject Work which (1) does not conform to the Contract Documents; (2) which the **Engineer** believes to be defective; and (3) the **Engineer** believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents and shall promptly notify the **City** of such rejection. Whenever the **Engineer** considers it necessary or advisable for implementation of the intent of the Contract Documents, the **Engineer** will have the responsibility, obligation, and authority to require additional inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed, or completed; provided, however, the **Engineer** must obtain the **City's** prior written approval of any such special inspection or testing. However, neither this authority of the **Engineer** nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the **Engineer** to the Contractor, Subcontractors, Suppliers, other persons performing portions of the Work.

3.6.11. Submittals. The **Engineer** shall review and approve or take other appropriate action upon the Contractor's submittals such as Proposed Change Orders, Shop Drawings, Product Data, and Samples, for the purpose of: (a) determining compliance with applicable laws, statutes, ordinances, codes, orders, rules, and regulations; and (b) determining whether the Work, when completed, will be in compliance with the requirements of the Contract Documents. The **Engineer's** action shall be taken with such reasonable promptness as to cause no delay in the Work taking into account the time periods set forth in the latest schedule prepared by the Contractor and approved by the **Engineer** and, in any event, such action shall be taken within fourteen (14) days after submittal to the **Engineer**. The **Engineer** shall indemnify the **City** for any monies paid by the **City** to the Contractor as a result of the **Engineer's** delay in taking appropriate action, as described above, where such delay is not caused in any part by the **City**. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities or for substantiating instructions for installation or performance of equipment or systems designated by the Contractor, all of which remain the responsibility of the Contractor to the extent required by the Contract Documents. The **Engineer's** review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the **Engineer**, of construction means, methods, techniques, sequences, or procedures. The **Engineer's** approval of a specific item shall not indicate approval of an assembly of which the item is a component. When professional certification of performance characteristics of materials, systems, or equipment is required by the Contract Documents, the **Engineer** shall be entitled to rely upon such certification to establish that the materials, systems, or equipment will meet the performance criteria required by the Contract Documents.

3.6.12. Change Orders and Work Change Directives. The **Engineer** shall prepare Change Orders and Work Change Directives, with supporting documentation and data if deemed necessary by the **Engineer** for the approval and execution in accordance with the Contract Documents, and may authorize minor changes in the Work not involving an adjustment in the Contract Sum or an extension of the Contract Time (which is the time in which the Work reaches final completion) and which are not inconsistent with the intent of the Contract Documents.

3.6.13. Interpretations, Clarifications, and Decisions of the Engineer.

3.6.13.1. The **Engineer** will interpret, clarify, and decide matters concerning performance under and requirements of the Contract Documents on written request of either the **City** or the Contractor. The **Engineer's** response to such requests will be made with reasonable

promptness and within the time set forth herein. Any such written interpretations, clarifications, or decisions shall be binding on the **City** and the Contractor. Interpretations, clarifications, and decisions of the **Engineer** shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings. The **Engineer** may, as the **Engineer** judges desirable, issue additional drawings or instructions indicating in greater detail the construction or design of the various parts of the Work; such drawings or instructions may be effected by a Field Order or other notice to the Contractor, provided such drawings or instructions are reasonably consistent with the previously existing Contract Documents. The **Engineer** shall not be liable for results of interpretations, clarifications, and decisions so rendered in good faith and in the absence of negligence by the **Engineer**.

3.6.13.2. Time Limit for Rendering Decisions. The **Engineer** shall render written interpretations, clarifications, and decisions within a reasonable time, but in no event more than seven (7) days after receipt of same.

3.6.14. Aesthetic Effect. The **Engineer's** decisions on matters relating to aesthetic effect must be consistent with the **City's**. The **Engineer** shall advise the **City** in matters relating to aesthetic effect; however, the **City's** decision in these matters shall be final.

3.6.15. Claims.

3.6.15.1. Initial Referral. All Claims, the bases of which arise prior to final payment or the earlier termination of the Contract, shall be referred initially to the **Engineer** for action as provided herein.

3.6.15.2. Time Period and Action. The **Engineer** shall review Claims and shall do one of the following within seven (7) days of receipt of the Claim:

3.6.15.2.1. defer any action with respect to all or any part of a Claim for the purpose of requesting and receiving additional information from either party;

3.6.15.2.2. decline to render a decision for any reason which it deems appropriate (including, but not limited to, the fact that the Claim involves allegations of fault on the part of the **Engineer**); or

3.6.15.2.3. render a decision on all or a part of the Claim.

If the **Engineer** requests additional information, the **Engineer** shall take action with respect to the Claim no later than seven (7) days after receipt of the additional information. The **Engineer** shall notify the parties in writing of its disposition of such Claim. If the **Engineer** decides that the Work relating to such Claim should proceed regardless of its disposition of such Claim, the **Engineer** shall issue to the Contractor a written order to proceed.

3.6.15.3. Decisions.

3.6.15.3.1. Decisions by the City or the Engineer. (*Reference: M.G.L. c. 30, §39P*). In every case in which this Contract requires the **City**, any official, or its **Engineer** to make a decision on interpretation of the Specifications, approval of equipment, material or any other approval, or progress of the Work, the decision shall be made promptly and, in any event, no later than [seven (7)] days after the written submission for decision; but if such decision requires extended investigation and study, the **City**, the official, or the **Engineer** shall, within [seven (7)] days after the receipt of the submission, give the party making the submission written notice of the reasons why the decision

cannot be made within the seven-day period and the date by which the decision will be made.

3.6.15.4. Resolved Claims. If a Claim is resolved, the **Engineer** shall obtain or prepare the appropriate documentation and provide the **City** and the Contractor with a copy of same.

3.6.16. Determination of Substantial and Final Completion. On behalf of the **City**, the **Engineer** shall conduct inspections, determine the dates of Substantial Completion and final completion, and shall issue a certificate of Substantial Completion, with the prior written consent of the **City**. Such inspections shall include a reasonable number of Site visits by the **Engineer** and the **Engineer's** engineering consultants. The **Engineer** shall provide to the **City** a written report of all findings with recommendations for appropriate action.

The **Engineer** will receive and review (and approve or disapprove, as the case may be) written guarantees, operating manuals, spare parts lists, value charts, and related documents required by the Contract Documents to be assembled by the Contractor. When the **Engineer** is satisfied that all such documents are complete as required by the Contract Documents, the **Engineer** shall issue a final certificate of payment.

3.6.17. Inspection Prior to End of Guarantee Period. Notwithstanding any other provision in this Agreement, at least thirty (30) days prior to the expiration of the Contractor's guarantee period, the **Engineer** shall assist the **City** in inspecting the Project at the **City's** request and provide to the **City** a written report of all findings with recommendations for appropriate action. Such inspections shall include a reasonable number of Site visits by the **Engineer** and the **Engineer's** engineering consultants.

3.6.18. Certificate of Occupancy. The **Engineer** shall be responsible for satisfying any and all requirements with respect to services of an Engineer necessary to obtain a permanent certificate of occupancy under the Commonwealth of Massachusetts State Building Code.

3.6.19. Limitation on the Engineer's Responsibilities.

3.6.19.1. Neither the **Engineer's** authority to act under the provisions of the Contract Documents nor any decision made by the **Engineer** in good faith to exercise or not to exercise such authority shall give rise to any duty or responsibility of the **Engineer** to the Contractor, any Subcontractor, any Supplier, any surety for any of them, or any other person.

3.6.19.1.1. The **Engineer** will not have control over or charge of and will not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work, since these are solely the Contractor's responsibility as provided in Article 5 of the General Terms and Conditions. The **Engineer** will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents. The **Engineer** will not have control over or charge of and will not be responsible for acts or omissions of the Contractor, Subcontractors, Suppliers, or of any other persons performing portions of the Work.

ARTICLE 4

ENGINEER'S ADDITIONAL SERVICES

4.1. IN GENERAL. The services described hereunder shall be paid for by the **City** in addition to the compensation for Basic Services. Prior to performing any service which the **Engineer** claims to be an Additional Service, the **Engineer** shall notify the **City** in writing that the service is an Additional Service, and shall provide with such notice an estimate of the additional compensation which will be payable to the **Engineer** for performing such service. Such service shall not be performed, nor shall such estimate be exceeded, without the **City's** prior written approval. Failure to so notify the **City** and obtain the **City's** written

approval shall constitute a waiver of the **Engineer's** claim for additional compensation on account of such services. These services shall be provided only if authorized or confirmed in writing by the **City**. Notwithstanding anything to the contrary in this Agreement, the **City** shall not be responsible to pay and the **Engineer** shall not be entitled to receive compensation for any additional service if such service was required due to the fault of the **Engineer** or the **Engineer's** failure to perform in accordance with the terms of this Agreement. Neither the **Engineer** nor its consultants shall be compensated for any services involved in preparing changes that are required for additional Work that should have been anticipated by the **Engineer** in the preparation of the Construction Documents, as reasonably determined by the **City**.

4.2. LIST OF ADDITIONAL SERVICES. The following list of Additional Services is intended to be illustrative and not considered all inclusive:

4.2.1. Making major revisions in Plans, Specifications, or other documents when such major revisions are:

4.2.1.1. inconsistent with approvals or instructions previously given by the **City**, including revisions made necessary by adjustments in the **City's** program or project budget;

4.2.1.2. required by the enactment or revision of codes, laws, or regulations subsequent to the preparation of such documents; or

4.2.1.3. due to changes required as a result of the **City's** failure to render decisions in a timely manner and where such failure is in no way caused by the **Engineer**.

4.2.2. Providing services required because of major changes in the Project instigated by the **City**;

4.2.3. Material design work requested by the **City** in connection with Change Orders, Construction Change Directives, and the Contractor's value engineering proposals, provided that evaluation and judgments of the proposed changes and value engineering substitutions shall be provided as a Basic Service;

4.2.4. Providing consultation concerning replacement of Work damaged by fire or other cause during construction, and furnishing services required in connection with the replacement of such Work; provided, however, that such services are not required as a result of the negligence of the **Engineer**; and

4.2.5. Providing any other services not otherwise included in this Agreement.

ARTICLE 5

OTHER CONDITIONS OR SERVICES

5.1. OTHER SERVICES. Any other services which are part of Basic Services are set forth in APPENDIX D.

5.2. HAZARDOUS MATERIALS. Unless otherwise provided in this Agreement, the **Engineer** and the **Engineer's** consultants shall have no responsibility for the discovery, presence, handling, removal, or disposal of, or exposure of persons to hazardous materials in any form at the Project Site, including, but not limited to, asbestos, asbestos products, polychlorinated biphenyl, or other toxic substances, provided, however, the **Engineer** shall report to the **City** the presence and location of any hazardous material observed by the **Engineer** (or any material suspected to exist) or that an Engineer of similar skill and expertise should have observed.

ARTICLE 6

THE CITY'S RESPONSIBILITIES

- 6.1. REQUIREMENTS FOR THE PROJECT.** The **City** shall consult with the **Engineer** regarding requirements for the Project, including the **City's** contemplated objectives, schedule, constraints, and criteria, including space requirements and relationships, flexibility, expandability, special equipment, systems, and site requirements.
- 6.2. BUDGET.** The **City** shall consult with the **Engineer** in order to establish and update an overall budget for the Project, including the Construction Cost, the **City's** other costs and reasonable contingencies related to all of these costs.
- 6.3. AUTHORIZED REPRESENTATIVE** The **City** shall designate a representative authorized to act on the **City's** behalf with respect to the Project. The **City** or such authorized representative shall render decisions in a timely manner pertaining to documents submitted by the **Engineer** in order to avoid unreasonable delay in the orderly and sequential progress of the **Engineer's** services.
- 6.4. CONSULTANTS.** The **City** shall furnish the services of consultants not listed in the advertisement for the Request for Proposals when the **City** deems such services to be necessary.
- 6.5. FURNISHING INFORMATION OR SERVICES.** Notwithstanding anything to the contrary written herein, the **City** shall only furnish information or services described in herein to the extent that any such information or service is reasonably required by the **Engineer** to perform its services under this Agreement. The **Engineer** shall review and confirm the sufficiency of any test and information furnished to the **Engineer** by or on behalf of the **City** pursuant to this section.
- 6.6. NOTICE OF FAULT OR DEFECT.** The **City** shall give prompt written notice to the **Engineer**, if the **City** becomes aware of any fault or defect in the Project or nonconformance with the Contract Documents.

ARTICLE 7

USE OF THE ENGINEER'S PLANS, SPECIFICATIONS, AND OTHER DOCUMENTS

- 7.1. IN GENERAL.** The Plans, Specifications, and other documents prepared by the **Engineer** for this Project are instruments of the **Engineer's** service for use solely with respect to this Project and, unless otherwise provided, the **Engineer** shall be deemed the author of these documents and shall retain all common law, statutory, and other reserved rights, including the copyright. The **City** shall be permitted to retain copies, including reproducible copies, of the **Engineer's** Plans, Specifications, and other documents for information and reference in connection with the **City's** use and occupancy of the Project. The **Engineer's** Plans, Specifications, or other documents shall not be used by the **City** or others on other projects, except by agreement in writing. However, it is expressly understood and agreed that the **City** shall have the right to utilize the Plans, Specifications, and other documents in the event the **City** expands the Project, corrects any deficiencies, or makes any renovations or repairs to the Project. In the event of termination or purported termination of this Agreement by either party, the **City** may use the Plans, Specifications, and other documents in connection with the Project, notwithstanding any dispute between the **City** and the **Engineer** as to the reason for validity of the termination, provided only that the **Engineer** has been paid for its work through the date of the termination, unless the matter of such payment is subject to litigation or other dispute resolution procedure provided for herein.

7.2. **OFFICIAL REGULATORY REQUIREMENTS.** Submission or distribution of the Plans, Specifications, and other documents to meet official regulatory requirements or for similar purposes in connection with the Project is not to be construed as publication in derogation of the **Engineer's** reserved rights herein.

ARTICLE 8

BASIS OF COMPENSATION

- 8.1. **IN GENERAL.** For Basic Services, compensation shall be as provided in APPENDIX E.
- 8.2. **STIPULATED SUM.** Where the compensation is based on a stipulated sum, progress payments for Basic Services in each phase shall be as stated in APPENDIX F.
- 8.3. **MATERIAL CHANGE IN SCOPE OR SERVICES.** In the event of a material change in the scope or services of the Project or the **Engineer's** services, the **Engineer** shall continue to perform in accordance with the terms of this Agreement during the course of any renegotiation of the **Engineer's** compensation hereunder. Equitable adjustments shall be made to the total dollar amount of this Agreement in the event of changes in scope or services herein. (*Reference: M.G.L. c. 7, §38G*).
- 8.4. **ADDITIONAL SERVICES OF THE ENGINEER.** For Additional Services of the **Engineer**, compensation shall be as stated in APPENDIX C.
- 8.5. **ADDITIONAL SERVICES OF THE CONSULTANTS.** For additional services of consultants, compensation shall be the actual cost billed to the **Engineer** for such services stated in APPENDIX G.
- 8.6. **REIMBURSABLE EXPENSES.** For Reimbursable Expenses, compensation shall be the actual cost billed to the **Engineer** for such services.

ARTICLE 9

PAYMENT TO THE ENGINEER

- 9.1. The **City** shall make payments directly to the **Engineer** within forty-five (45) days after the **City** receives and approves the **Engineer's** detailed certified monthly statement. The detailed monthly statement must include, at minimum, itemized hours and work performed by the **Engineer** (including, but not limited to, all employees of the **Engineer** and its agents), and an itemized list of Reimbursable Expenses. Records of the **Engineer's** expenses and hours pertaining to this Project shall be kept in accordance with generally accepted accounting principles, which principles shall be consistently applied. Said records shall be available to the **City** or its authorized representative upon reasonable notice for inspection and copying during regular business hours for six (6) years after the date of the final certificate of payment.
- 9.2. No payments will be made in advance of services rendered.
- 9.3. Deductions may be made from the **Engineer's** compensation, if the **Engineer** has not properly performed the services required in accordance with the terms of this Agreement.

ARTICLE 10

INSURANCE REQUIREMENTS

10.1. The **Engineer** at its own expense must obtain and maintain a professional liability insurance policy covering negligent errors, omissions, and acts of the **Engineer** or of any person for whose performance the **Engineer** is legally liable arising out of the performance of such contracts for design services. The **City** may require a consultant employed by the **Engineer** subject to this subparagraph to obtain and maintain a similar liability insurance policy. If the **Engineer** is required by the **City** to obtain all or a portion of such insurance coverage, it shall at its own expense furnish a certificate or certificates of insurance coverage to the **City** prior to the award of the contract. Certificates of insurance are attached hereto as APPENDIX H. Any amendments these insurance requirements are set forth in APPENDIX H.

10.2. Any insurance carrier utilized to fulfill the insurance requirements of this Contract shall have a minimum A.M. Best rating of A-X.

10.3. The **Engineer** and its structural, mechanical, and electrical engineering consultants shall each maintain the following minimum insurance coverages:

10.3.1. Workers' Compensation insurance in compliance with Massachusetts law;

10.3.2. Employer's liability policy covering bodily injury by accident (\$100,000 each occurrence) and bodily injury by disease (\$100,000 each employee, \$500,000 policy limit);

10.3.3. Comprehensive automobile liability insurance including hired, non-owned, and leased vehicles, if any, in the amount of \$1,000,000 covering personal injury, bodily injury, and property damage;

10.3.4. Valuable Papers insurance in the amount of \$100,000 covering damage to plans, drawings, computations, filed notes, or other similar data relating to the Work covered by this Agreement;

10.3.5. Commercial general liability insurance with a primary limit of not less than \$1,000,000 combined single limit and naming the **City** as an additional insured; and

10.3.6. Professional Liability insurance in an amount not less than \$1,000,000 or ten per cent (10%) of the Project's estimated cost of construction, or such larger amounts as the **City** may require, for the applicable period of limitations, including contractual liability coverage with all coverage retroactive to the earlier date of this Agreement or the commencement of the **Engineer's** services in relation to the Project.

10.4. All insurance shall be provided by companies qualified and licensed to do business in the Commonwealth of Massachusetts and acceptable to the City, and shall be maintained for a period of six (6) years following the last performance of services under this Agreement. Certificates evidencing such insurance shall be furnished to the **City** upon the execution of this Agreement by the **Engineer** and upon each renewal period thereafter. The policies shall provide that the policies shall not be cancelled, renewed, or amended without thirty (30) days' prior notice to the **City**. All requests by the **Engineer** for approval of engineers or other consultants shall be accompanied by certificates setting forth the types and amounts of insurance carried by them. The **Engineer** shall require each such engineer or other consultant approved by the **City** to maintain the insurance shown in such certificate in accordance with the provisions of this paragraph.

ARTICLE 11

STATUTORY RECORD-KEEPING AND RECORD-FILING REQUIREMENTS (M.G.L. C. 30, §39R)

11.1. The **Engineer** shall make and keep for at least six years after final payment, books, records, and accounts which in reasonable detail accurately and fairly reflect the transactions and dispositions of the **Engineer**.

11.2. Until the expiration of six (6) years after final payment, the office of inspector general, and the deputy commissioner of capital planning and operations shall have the right to examine any books, documents, papers or records of the **Engineer** or of its subcontractors that directly pertain to and involve transactions relating to, the **Engineer** or its subcontractors.

11.3. The **Engineer** shall describe any change in the method of maintaining records or recording transactions which materially affect any statements filed with the **City**, including in its description the date of the change and reasons therefor, and shall accompany said description with a letter from the **Engineer's** independent certified public accountant approving or otherwise commenting on the changes.

11.4. The **Engineer** has filed a statement of management ("management," as used in these paragraphs is defined in M.G.L. c. 30, §39R(a)(7) as "the chief executive officers, partners, principals or other person or persons primarily responsible for the financial and operational policies and practices of the contractor" which is the **Engineer** herein) on internal accounting controls as set forth in M.G.L. c. 30, §39R(c) prior to the execution of this Agreement.

11.5. The **Engineer** must file with the **City** a statement of management as to whether the system of internal accounting controls of the **Engineer** and its subsidiaries reasonably assures that:

11.5.1. transactions are executed in accordance with management's general and specific authorization;

11.5.2. transactions are recorded as necessary:

11.5.2.1. to permit preparation of financial statements in conformity with generally accepted accounting principles, and

11.5.2.2. to maintain accountability for assets;

11.5.3. access to assets is permitted only in accordance with management's general or specific authorization; and

11.5.4. the record accountability for assets is compared with the existing assets at reasonable intervals and appropriate action was taken with respect to any difference.

11.6. The **Engineer** has filed with DCAM prior to the execution of this Agreement and will continue to file annually, an audited financial statement for the most recent completed fiscal year as set forth in M.G.L. c. 30, §39R(d). The final statement filed shall include the date of final payment. All statements shall be accompanied by an accountant's report. Such statements shall be made available to the **City** upon request.

11.7. The **Engineer** shall file with the **City** a statement prepared and signed by an independent certified public accountant, stating that s/he has examined the statement of management on internal accounting

controls, and expressing an opinion as to:

11.7.1. whether the representations of management in response to this paragraph and the previous paragraph are consistent with the result of management's evaluation of the system of internal accounting controls; and

11.7.2. whether such representations of management are, in addition, reasonable with respect to transactions and assets in amounts which would be material when measured in relation to the **Engineer's** financial statements.

NOTE: RECORDS AND STATEMENTS REQUIRED TO BE MADE, KEPT OR FILED UNDER THE PROVISIONS OF M.G.L. c. 30, §39R ARE NOT PUBLIC RECORDS AS DEFINED IN M.G.L. c.4, §7 AND SHALL NOT BE OPEN TO PUBLIC INSPECTION, EXCEPT AS PROVIDED HEREIN.

(Reference: M.G.L. c. 30, §39R)

ARTICLE 12

TERMINATION, SUSPENSION, OR ABANDONMENT

12.1. Except for reasons of nonpayment, this Agreement may be terminated by either party upon not less than seven (7) days' written notice should the other party fail to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination and may be terminated without cause by the **City** upon at least seven (7) days' written notice to the **Engineer**. In the event this Agreement is terminated by the **City** pursuant to this paragraph, the **Engineer** shall be entitled to receive compensation for Basic and Additional Services properly performed and for all substantiated Reimbursable Expenses incurred to the date of the notice of termination, but in no event shall compensation exceed the amount specified hereafter if the Project does not proceed and in no event shall any payment be due earlier than such payment would otherwise be due hereunder. Moreover, the **City** shall be entitled to retain from the monies alleged to be due to the **Engineer** an amount that reasonably reflects the cost and expense incurred or to be incurred by the **City** associated with the termination, if the termination is with cause.

12.2. The **City** reserves the right to stop or suspend the work upon seven (7) days' written notice to the **Engineer**, with no resulting fee adjustment to the **Engineer**, unless such suspension extends for more than twelve (12) months, in which case the **Engineer's** compensation shall be equitably adjusted when the project is resumed to provide for expenses incurred in the interruption and resumption of the **Engineer's** services. The **Engineer** shall have no cause for termination of this Agreement based on suspension of the Project unless such suspension extends for more than twelve (12) months.

12.3. Persistent failure by the **City** to make payments to the **Engineer** in accordance with this Agreement or persistent failure of the **City** to pay the **Engineer** within forty-five (45) days of receipt of a statement for services properly performed shall be considered nonperformance and cause for termination. "Persistent" herein shall mean at least three occasions.

12.4. If the **City** fails to make payment when due for services and expenses properly performed, the **Engineer** may, upon thirty (30) days' written notice to the **City**, suspend performance of services under this Agreement. Unless the **Engineer** receives within thirty (30) days of the date of the notice payment in full for such services that have been properly performed, the suspension shall take effect without further notice. In the event of a suspension of services, the **Engineer** shall have no liability to the **City** for delay or damage caused by the **City** because of such suspension of services.

ARTICLE 13

MISCELLANEOUS PROVISIONS

13.1. GOVERNING LAW. This Agreement shall be governed by the laws of the Commonwealth of Massachusetts.

13.2. VENUE. Venue for any court action or proceeding shall be Middlesex County in the Commonwealth of Massachusetts only. The **Contractor**, all Subcontractors, and Suppliers waive any and all jurisdictional and venue defenses.

13.3. PARTNERS, SUCCESSORS, ASSIGNS, ETC. The **City** and the **Engineer**, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representative of such other party with respect to all covenants of this Agreement.

13.4. PROHIBITION AGAINST ASSIGNMENT. The **Engineer** shall not assign, in whole or in part, its rights and obligations under the Contract Documents without prior written consent of the **City**. An assignment without the prior written consent of the **City** shall not relieve the **Engineer** of its obligations thereunder.

13.5. ENTIRE AGREEMENT. This Agreement represents the entire and integrated agreement between the **City** and the **Engineer** and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement can be amended only by a written instrument signed by both the **City** and the **Engineer**.

13.6. THIRD-PARTY BENEFICIARIES. Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the **City** or the **Engineer**.

13.7. NOTICES AND DEMANDS. Notices and demands required by or permitted to be given hereunder shall be hand-delivered or given by registered or certified mail and shall be addressed to the parties at the addresses set forth in APPENDIX I. Such notices and demands may be sent by facsimile transmission if such transmission is followed by hand delivery or registered or certified mail on the same day or the following business day. Notice and demands shall be deemed to have been given when delivered, or when mailed, or when transmitted by facsimile, if followed by hand delivery or registered or certified mail as provided herein.

13.8. WAIVER OF RIGHTS. The **City's** review, approval, acceptance, or payment for services under this Agreement shall not operate as a waiver of any rights under this Agreement and the **Engineer** shall be and shall remain liable to the **City** for all damages incurred by the **City** as the result of the **Engineer's** failure to perform in conformance with the terms and conditions of this Agreement. The rights and remedies of the **City** provided for under this Agreement are in addition to any other rights or remedies provided or allowed by law.

13.9. PERSONAL LIABILITY. No member, officer, director, trustee, representative, consultant, volunteer participant, or employee of the **City** shall be personally liable to the **Engineer** under any term or provision of this Agreement for the **City's** payment obligation or otherwise, or because of any breach hereof.

13.10. INDEMNIFICATION. The **Engineer** shall indemnify and defend the **City** from and against all claims, costs, and liability arising out of the **Engineer's** Services hereunder, to the extent that such claims, costs, and liability are the result of the negligent acts, errors, or omissions of the **Engineer**, or breaches by the **Engineer** of its obligations hereunder or (with respect to the **Engineer's** duty to defend) are claimed to be the result thereof.

13.11. ENGINEER'S PRINCIPALS AND SENIOR PERSONNEL. The **City** is relying on the continued participation in the Project of the principals and senior personnel whose names and time commitments and,

where applicable, Massachusetts professional registration numbers are listed in the attached APPENDIX J. The **Engineer** shall not remove any such individual from the Project or reduce his or her time commitment to the Project without the **City's** written consent unless such individual dies, becomes disabled, or terminates his or her employment. The replacement of any individual listed in APPENDIX J shall be subject to the **City's** written approval.

13.12 USE OF PROJECT-RELATED DOCUMENTS. The **Engineer** may, upon prior written consent of the **City**, include representations of the design of the Project, including photographs of the exterior and interior, among the **Engineer's** promotional and professional materials. The **Engineer's** materials shall not include the **City's** confidential or proprietary information if the **City** has previously advised the **Engineer** in writing of the specific information considered by the **City** to be confidential or proprietary. The **City** shall provide professional credit for the **Engineer** on the construction sign and in the promotional materials for the Project. The **City** considers all information concerning the Project to be confidential and proprietary unless otherwise expressly indicated in writing to the **Engineer**.

ARTICLE 14

CERTIFICATIONS

14.1. The undersigned **Engineer** certifies under the penalties of perjury that:

14.1.1. the **Engineer** has not given, offered or agreed to give any gift contribution or offer of employment as an inducement for, or in connection with, the award of a contract for design services;

14.1.2. no consultant to, or subcontractor for the **Engineer** has given, offered or agreed to give any gift, contribution, or offer of employment to the **Engineer**, or to any other person, corporation, or entity as an inducement for or in connection with the award to the consultant or subcontractor of a contract by the **Engineer**;

14.1.3. no person, corporation, or other entity, other than a bona fide, full-time employee of the **Engineer** has been retained or hired to solicit for or in any way assist the **Engineer** in obtaining the contract for design services upon an agreement or understanding that such person, corporation, or other entity be paid a fee or other consideration contingent upon the award of the contract to the designer;

14.1.4. the **Engineer** has internal accounting controls as required by M.G.L. c. 30, §39R and the **Engineer** shall:

14.1.4.1. for a six-year period after the final payment maintain accurate books, records, and accounts which in reasonable detail accurately and fairly reflect the transactions and dispositions of the **Engineer**;

14.1.4.2. file regular statements of management concerning internal auditing controls; and

14.1.4.3. file an annual audited financial statement; and submit a statement from an independent certified public accountant that such C.P.A. or public accountant has examined management's internal auditing controls and expresses an opinion as to their consistency with management's statements and whether such statements are reasonable with respect to transactions and assets that are substantial in relation to the **Engineer's** financial statements, as provided by M.G.L. c. 7, §38H(e) and

14.1.5. the Engineer has filed a statement of management on internal accounting controls as set forth in M.G.L. c. 30, §39R(c) prior to the execution of this Agreement;

14.1.6. the Engineer has filed with DCAM prior to the execution of this Agreement an audited financial statement for the most recent completed fiscal year as set forth in M.G.L. c. 30, §39R(d); and

14.1.7. the Engineer has complied with all the laws of the Commonwealth pertaining to taxes, reporting of employees and contractors, and withholding and remitting child support (M.G.L. c. 62C, §49A).

CITY OF CAMBRIDGE

ENGINEER

City Manager

Signature

APPROVED AS TO FORM:

By:

City Solicitor

Print Name and Title

APPROVED AS TO THE AVAILABILITY
OF FUNDS:

Budget Code: _____

City Auditor

Purchasing Agent

APPENDIX A

**REQUEST FOR PROPOSALS
APPENDIX B**

SCHEDULE OF PERFORMANCE OF THE ENGINEER

APPENDIX C

COMPENSATION FOR ADDITIONAL SERVICES

	Out-of-Court	In Court
Witness Fee	\$ _____	\$ _____

APPENDIX D
ADDITIONAL BASIC SERVICES

APPENDIX E
COMPENSATION FOR BASIC SERVICES

APPENDIX F
COMPENSATION BASED ON A STIPULATED SUM

APPENDIX G

COMPENSATION FOR ADDITIONAL SERVICES OF CONSULTANTS

APPENDIX H
CERTIFICATES OF INSURANCE
AND
ADDITIONAL INSURANCE REQUIREMENTS

APPENDIX I

NOTICES

Notice to the **City** shall be addressed to:

City Manager
City of Cambridge
795 Massachusetts Avenue
Cambridge, MA 02139
Facsimile: (617) 349-4007

Notice to the **Engineer** shall be addressed to:

Name of Engineer _____
Street Address _____
City/State/Zip Code _____
Phone Number _____
Fax Number _____

APPENDIX J

MASSACHUSETTS PROFESSIONAL REGISTRATION NUMBERS
AND
EXPIRATION DATES

NAME

REGISTRATION NUMBER

EXPIRATION DATES

APPENDIX K

TRUTH-IN-NEGOTIATIONS CERTIFICATE

The undersigned hereby certifies under the penalties of perjury that the wage rates and other costs used to support its compensation are accurate, complete and current at the time of contracting.

The undersigned agrees that the original contract price and any additions to the contract may be adjusted within one year of completion of the contract to exclude any significant amounts if the City determines that the fee was increased by such amounts due to inaccurate, incomplete or noncurrent wage rates or other costs.

«NAME OF ENGINEER»

BY:

SIGNATURE

TITLE

PRINT NAME OF SIGNATORY

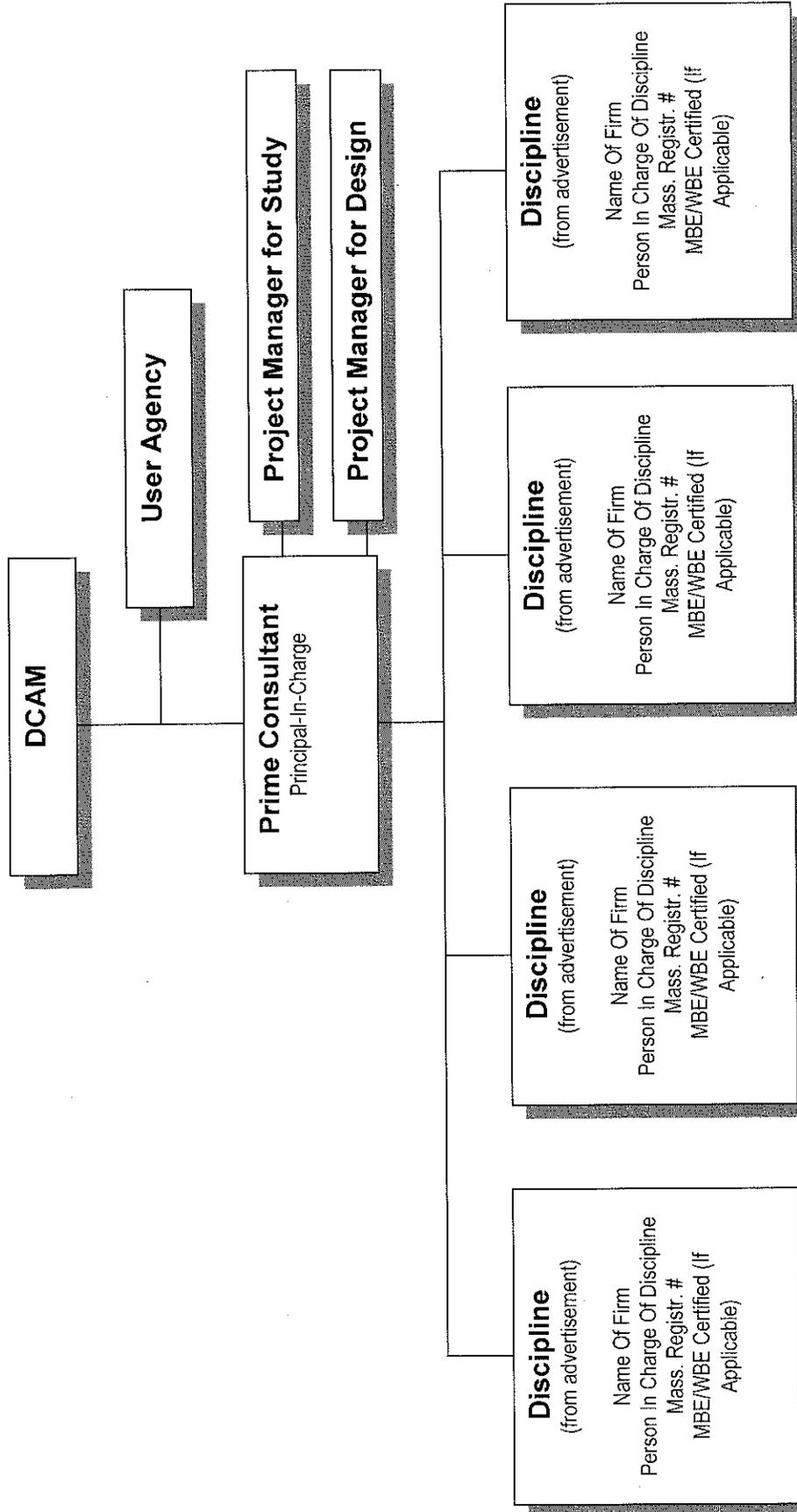
DATE

PROJECT: «NAME OF PROJECT»

Reference: M.G.L. c. 7, §38H(b)

Commonwealth of Massachusetts DSB Application Form (Updated July 2011)	1. Project Name/Location for Which Firm is Filing:		2a. DSB # _____ Item # _____ 2b. Mass. State Project # _____
3a. Firm (Or Joint-Venture) - Name and Address Of Primary Office To Perform The Work:	3e. Name Of Proposed Project Manager: For Study: (if applicable) _____ For Design: (if applicable) _____		
3b. Date Present and Predecessor Firms Were Established:	3f. Name and Address Of Other Participating Offices Of The Prime Applicant, If Different From Item 3a Above:		
3c. Federal ID #:	3g. Name and Address Of Parent Company, if Any:		
3d. Name and Title Of Principal-In-Charge Of The Project (MA Registration Required): Email Address: _____ Telephone No.: _____ Fax No.: _____	3h. Check Below if Your Firm Is Either: (1) SDO Certified Minority Business Enterprise (MBE) <input type="checkbox"/> (2) SDO Certified Woman Business Enterprise (WBE) <input type="checkbox"/> (3) SDO Certified Minority Woman Business Enterprise (M/WBE) <input type="checkbox"/>		
4. Personnel From Prime Firm Included In Question #3a Above By Discipline (List Each Person Only Once, By Primary Function -- Average Number Employed Throughout The Preceding 6 Month Period. Indicate Both The Total Number In Each Discipline And, Within Brackets, The Total Number Holding Massachusetts Registrations):			
Admin. Personnel _____ Architects _____ Acoustical Engrs. _____ Civil Engrs. _____ Code Specialists _____ Construction Inspectors _____ Cost Estimators _____ Drafters _____	() _____ () _____	Ecologists _____ Electrical Engrs. _____ Environmental Engrs. _____ Fire Protection Engrs. _____ Geotech. Engrs. _____ Industrial Hygienists _____ Interior Designers _____ Landscape Architects _____	() _____ () _____
Licensed Site Profs. _____ Mechanical Engrs. _____ Planners: Urban./Reg. _____ Specification Writers _____ Structural Engrs. _____ Surveyors _____	() _____ () _____ () _____ () _____ () _____ () _____ () _____	Other _____ _____ _____ _____ _____ _____ _____	() _____ () _____
Total _____			
5. Has this Joint-Venture previously worked together? <input type="checkbox"/> Yes <input type="checkbox"/> No			

6. List **ONLY** Those Prime and Sub-Consultant Personnel Specifically Requested in The Advertisement. This Information Should Be Presented Below in The Form Of An Organizational Chart. Include Name Of Firm and Name Of The One Person in Charge Of The Discipline, With Mass. Registration Number, As Well As MBE/WBE Status, if Applicable:



7. Brief Resume Of **ONLY** Those Prime Applicant and Sub-Consultant Personnel Requested In The Advertisement. Confine Responses To The Space Provided On The Form and Limit Resumes To **ONE** Person Per Discipline Requested In The Advertisement. Resumes Should Be Consistent With The Persons Listed On The Organizational Chart In Question # 6. Additional Sheets Should Be Provided Only As Required For The Number Of Key Personnel Requested In The Advertisement and They Must Be In The Format Provided. By Including A Firm As A Sub-Consultant, The Prime Applicant Certifies That The Listed Firm Has Agreed To Work On This Project, Should The Team Be Selected.

<p>a. Name and Title Within Firm:</p>	<p>a. Name and Title Within Firm:</p>
<p>b. Project Assignment:</p>	<p>b. Project Assignment:</p>
<p>c. Name and Address Of Office In Which Individual Identified In 7a Resides:</p> <p>MBE <input type="checkbox"/></p> <p>WBE <input type="checkbox"/></p>	<p>c. Name and Address Of Office In Which Individual Identified In 7a Resides:</p> <p>MBE <input type="checkbox"/></p> <p>WBE <input type="checkbox"/></p>
<p>d. Years Experience: With This Firm: _____ With Other Firms: _____</p>	<p>d. Years Experience: With This Firm: _____ With Other Firms: _____</p>
<p>e. Education: Degree(s) /Year/Specialization</p>	<p>e. Education: Degree(s) /Year/Specialization</p>
<p>f. Active Registration: Year First Registered/Discipline/Mass Registration Number</p>	<p>f. Active Registration: Year First Registered/Discipline/Mass Registration Number:</p>
<p>g. Current Work Assignments and Availability For This Project:</p>	<p>g. Current Work Assignments and Availability For This Project</p>
<p>h. Other Experience and Qualification Relevant To The Proposed Project: (Identify Firm By Which Employed, If Not Current Firm):</p>	<p>h. Other Experience and Qualification Relevant To The Proposed Project: (Identify Firm By Which Employed, If Not Current Firm):</p>

8a. Current and Relevant Work By Prime Applicant Or Joint-Venture Members. Include **ONLY** Work Which Best Illustrates Current Qualifications In The Areas Listed In The DSB Advertisement (List Up To But Not More Than 5 Projects).

a. Project Name and Location Principal-In-Charge	b. Brief Description Of Project and Services (Include Reference To Areas Of Experience Listed In DSB Advertisement)	c. Client's Name, Address and Phone Number. Include Name Of Contact Person	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands)	
				Construction Costs(Actual, Or Estimated If Not Completed)	Fee For Work For Which Firm Was Responsible.
(1)					
(2)					
(3)					
(4)					
(5)					

8b. List Current and Relevant Work By Sub-Consultants Which Best Illustrates Current Qualifications In The Areas Listed In The Advertisement (Up To But Not More Than 5 Projects For Each Sub-Consultant). Use Additional Sheets Only As Required For The Number Of Sub-Consultants Requested In The Advertisement and They Must Be In The Format Provided.

Sub-Consultant Name:

a. Project Name and Location Principal-In-Charge	b. Brief Description Of Project and Services (Include Reference To Areas Of Experience Listed In DSB Advertisement)	c. Client's Name, Address and Phone Number (Include Name Of Contact Person)	d. Completion Date (Actual Or Estimated)	e. Project Cost (In Thousands) Construction Costs (Actual, Or Estimated If Not Completed)	Fee for Work for Which Firm Was Responsible
(1)					
(2)					
(3)					
(4)					
(5)					

9. List All Projects Within The Past 5 Years For Which Prime Applicant Has Performed, Or Has Entered Into A Contract To Perform, Any Design Services For All Public Agencies Within The Commonwealth.

# of Total Projects:		# of Active Projects:		Total Construction Cost (In Thousands) of Active Projects (excluding studies):		
Role P, C, JV *	Phases St., Sch., D.D., C.D., A.C. *	Project Name, Location and Principal-in-Charge:	Awarding Authority (Include Contact Name and Phone Number)	Construction Costs (In Thousands) (Actual, or Estimated if Not	Completion Date (Actual or Estimated) (R)Renovation or (N)New	
		1.				
		2.				
		3.				
		4.				
		5.				
		6.				
		7.				
		8.				
		9.				
		10.				

* P = Principal; C = Consultant; JV = Joint Venture; St = Study; Sch. = Schematic; D.D. = Design Development; C.D. = Construction Documents; A.C. = Administration of Contract

10. Use This Space To Provide Any Additional Information Or Description Of Resources Supporting The Qualifications Of Your Firm And That Of Your Sub-Consultants For The Proposed Project. If Needed, Up To Three, Double-Sided 8 1/2" X 11" Supplementary Sheets Will Be Accepted. **APPLICANTS ARE REQUIRED TO RESPOND SPECIFICALLY IN THIS SECTION TO THE AREAS OF EXPERIENCE REQUESTED IN THE ADVERTISEMENT.**

Be specific -- No Boiler Plate

11. Professional Liability Insurance:	Aggregate Amount	Policy Number	Expiration Date
12. Have monies been paid by you, or on your behalf, as a result of Professional Liability Claims (in any jurisdiction) occurring within the last 5 years and in excess of \$50,000 per incident? Answer YES or NO. If YES, please include the name(s) of the Project(s) and Client(s), and an explanation (attach separate sheet if necessary).			
13. Name Of Sole Proprietor Or Names Of All Firm Partners and Officers:			
Name	Title	MA Reg #	Status/Discipline
a.			
b.			
c.			
14. If Corporation, Provide Names Of All Members Of The Board Of Directors:			
Name	Title	MA Reg #	Status/Discipline
a.			
b.			
c.			
15. Names Of All Owners (Stocks Or Other Ownership):			
Name and Title	% Ownership	MA Reg.#	Status/Discipline
a.			
b.			
c.			
16. I hereby certify that the undersigned is an Authorized Signatory of Firm and is a Principal or Officer of Firm. I further certify that this firm is a "Designer", as that term is defined in Chapter 7, Section 38A1/2 of the General Laws, or that the services required are limited to construction management or the preparation of master plans, studies, surveys, soil tests, cost estimates or programs. The information contained in this application is true, accurate and sworn to by the undersigned under the pains and penalties of perjury.			
Submitted By (Signature)	Printed Name and Title		Date

The following forms MUST be attached to only ONE (ORIGINAL Copy) application: 1. SDO Certification required for MBE/WBE Firms; 2. Sub-Consultant Acknowledgment.

DSB
S-CA

Commonwealth of Massachusetts
Designer Selection Board SUB-CONSULTANT ACKNOWLEDGMENT

Project: _____

Applicant Designer: _____

Sub-consultant: _____

SUB-CONSULTANT ACKNOWLEDGMENT

The sub-consultant named above hereby certifies that it has been notified by the Applicant Designer that it has been nominated to perform work on the Applicant Designer's team for the above Project, which is under consideration at the Designer Selection Board.

Signature of Sub-Consultant Duly Authorized Representative

Print Name and Title

Date

It is a requirement that all applicants supply this document signed, attached to the application, for each of the listed sub-consultants stating that they are aware and agree to being nominated by said applicant designer. One copy must have an original signature. Electronic signatures are accepted.