

10/31/2023

David Morgan, Environmental Planner + Conservation Agent
Town of Arlington
730 Massachusetts Avenue
Arlington, MA 02476

Dear David :

Subject: Proposal for Stormwater Review of the Thorndike Place

The attached Offer for Engineering and Consultancy Services outlines the scope, approach to be used to complete the project, the deliverables and our commercial offer.

The overall cost is estimated to be \$10,700 on a lump sum basis. Hatch will perform the work outlined in this Offer for Engineering and Consultancy Services in accordance with the attached Schedule of Rates and Professional Services Terms and Conditions. This letter, the Statement of Work, Hatch Standard Terms and Conditions and Hatch Schedule of Rates form the whole agreement between Town of Arlington and Hatch.

If this offer is acceptable to Town of Arlington, please sign the attached Acceptance and we can mobilize the team to start to undertake this work for you. If you would like to meet with me to clarify and further discuss any aspect of this offer, please call me at 978-224-3123.

Yours faithfully,

Duke Bitsko

DB:DB
Ref.: Document1
Attachment(s)

cc: Ross Mullen
Andrew Keel
Rob Kenneally

OFFER FOR ENGINEERING AND CONSULTANCY SERVICES
for
Proposal for Stormwater Review of the Thorndike Place

10/31/2023

Client Name:	Town of Arlington
Project Name:	Proposal for Stormwater Review of the Thorndike Place
Client Contact:	David Morgan, Environmental Planner + Conservation Agent
Hatch Contact:	Duke Bitsko, PLA
Estimated Start Date:	November 3, 2023
Estimated Completion Date:	November 22, 2023
Cost Basis:	Reimbursable Costs Basis
Project Estimate:	\$10,700

Introduction

This proposal is response to a request for engineering services for a stormwater review of the Thorndike Place emailed to Duke Bitsko on October 26, 2023.

Scope of Work

Hatch proposes to complete a peer review of the proposed Thorndike Place development in accordance with the Massachusetts Stormwater Standards, the Code of Federal Regulations, and stormwater engineering best management practices. Our review will review the drawings and stormwater report with supporting technical calculation package. The review will include review of:

- Stormwater management facilities and technical calculations, including rate control, water quality analysis, and volume management/groundwater recharge.

David Morgan, Environmental
Planner + Conservation Agent
Town of Arlington
10/31/2023

- FEMA floodplain/floodway encroachments, compensatory storage, and CLOMR/LOMR/no-rise documentation.
- Best management practices for placement and use of Erosion and Sediment Controls including review of the SWPPP.
- Wetlands impacts due to construction disturbance and/or hydrologic inflow changes, mitigation/remediation of impacts and/or offsets, and provided buffers zones.
- Proposed Operation & Maintenance plan, including review of best practices for adoption such recording of stormwater practices on the plat and/or in storm maintenance agreement with the Town.

Our review will include an initial memorandum documenting our background document review, engineering review findings, as well as recommendations for approval, conditional approval, recommended site modification, or denial of the proposed development. We will respond to and/or review one additional submittal package from the applicant following the initial memorandum, attend up to 2 meetings via Teams, and attend a site visit.

Assumptions/Exclusions:

- Wetland delineations, classifications, and characterizations are excluded from this proposal.
- Virtual meeting attendance is limited to a project reference and called upon on an as-needed basis. Hatch has budgeted for 1 hour of staff attendance at each meeting and has not included hours necessary for presentation preparation for meetings. We assume these meetings will occur on or before December 22, 2023.
- Hatch has budgeted for one staff member to attend a site visit for up to 2-hours plus travel time.

Execution Plan

The proposed scope of work will be undertaken within a three-week period following receiving the authorization to proceed and being provided access to all of the data required for the task.

Hatch Project Team

The following is the proposed project team. Complete resumes can be made available upon request.



DUKE BITSKO, PLA

Principal In Charge

Duke Bitsko has more than 25 years of experience in program and project management, master planning, permitting, and design with an emphasis on context sensitive, sustainable design. His relevant experience includes ecological restoration, bioengineering, Green Infrastructure, and climate resiliency at the site scale. His recent work in Arlington includes Wellington Park, Spy Pond Shoreline Restoration, Egerton Road bioretention basins, and Cooke's Hollow. He has developed long-term Vegetation Management Plans for the Alewife Reservation, Fresh Pond Reservation, Wellington Park, and Spy Pond Park, working with managers over time to apply Adaptive Management principles. He has been a conservation commissioner in Lexington for 23 years.



ROB KENNEALLY, PE

Senior Project Engineer

Rob Kenneally has over 30 years of experience with increasing responsibilities as a civil/site design engineer and project manager. His technical background includes geotechnical engineering, hydrologic/hydraulic analysis, and civil site development. He has applied his technical expertise and project management experience on projects that range from the design and construction of stormwater management projects, management of landfill closures, to the construction of sewer mains utilizing hard rock and soft ground tunneling techniques, and to various subsurface site investigations involving environmental and geotechnical investigations.



ROSS MULLEN, PE, CFM

Water Resources Engineer

Ross recently joined Hatch as a Water Resources Engineer with over a decade of experience as a consulting engineer. His primary expertise is in hydrologic and hydraulic modeling, stormwater management, floodplain management, erosion and sediment management, urban water quality studies, stream restoration, and design of hydraulic structures. Ross previously served as the designated stormwater reviewer and engineering consultant for a 7-member city watershed.

Commercial Offer

Overview

Hatch is pleased to provide the following commercial offer to the Town of Arlington for the professional services (the “Services”) detailed herein.

Pricing

Hatch proposes to perform the Services for a price of USD \$10,700 on a lump sum price basis, exclusive of adjustments for variations. Approved variations will be performed on a lump sum basis in accordance with mutually agreed change procedures. An overview of this offer is provided in the Table 3.

Table 3: Estimated Breakdown of the Cost Estimate

Task	Level of Effort (hrs)	Total (\$)
Desktop Stormwater Review	42	\$9,000
Site Visit	4	\$1,200
Attend two (2) Virtual Meetings	2	\$500
TOTAL ESTIMATED COST:	48	\$10,700

Basis of Compensation

As full compensation for the services, Hatch will be paid the sum of all lump sum billings incurred in the execution of the services.

Invoicing & Payment

Hatch proposes the following milestones for payment of the Lump Sum price following completion of the scope of work. Payment terms are net 30 days from date of issuance of invoice.

Hatch reserves the right to modify the payment milestones based on changes to the schedule or as mutually agreed to between Hatch and Town of Arlington.

Additional Services

If additional scope is needed, then Hatch will prepare a Project Change Authorization (PCA) which will provide an estimate of cost of the change and once agreed to and signed, Hatch will commence the work on this scope addition.

Contract Terms and Conditions

David Morgan, Environmental
Planner + Conservation Agent
Town of Arlington
10/31/2023

Hatch will perform the Services detailed in this offer in accordance with the Professional Services Terms and Conditions included in Attachment A, on which this proposal has been expressly based.

Validity

This offer remains valid for a period of 90 days from the date of this letter and is subject to a contract being signed and effective prior to the start.

Acceptance of Offer

Town of Arlington accepts this proposal and requests Hatch to undertake the assignment as detailed above.

Signed on behalf of Hatch by:

Signed on behalf of Town of Arlington by:

Name: Duke Bitsko, PLA
Title: Director of Interdisciplinary Design
Date: _____

Name: _____
Title: _____
Date: _____

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10/31/2023

Attachment A – Terms and Conditions

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Town of Arlington
10/31/2023

Attachment B – Schedule of Rates