

late item

E-10



TOWN AND VILLAGE OF HARRISON ENGINEERING DEPARTMENT



Alfred F. Sulla, Jr. Municipal Building
1 Heineman Place
Harrison, New York 10528

Michael J. Amodeo, P.E., CFM
Town/Village Engineer

September 17, 2014

Supervisor Ron Belmont and
Members of the Town Board
Town of Harrison
1 Heineman Place
Harrison, New York 10528

Re: Parkview Avenue Retaining Wall
Professional Services Contract

Dear Supervisor Ron Belmont and Members of the Town Board:

I write to inform you of a failing, Town-owned retaining wall at the end of Parkview Avenue in West Harrison. The wall is adjacent to the property of 51 Anderson Hill Road and approximately 20 feet away from the side of the house on that property.

The wall is of stone and mortar construction approximately 8 feet in height, 70 feet in length, is within the Parkview Avenue right of way and retains the end of the Parkview Avenue Roadway. The elevation of the end of the Parkview Roadway is approximately 8 feet higher than the ground surface on the 51 Anderson Hill Road side of the wall.

It appears that surface runoff from the Parkview roadway has caused a portion of the wall to significantly bulge outward, enough to impact the structural stability of the wall. Compounding the situation are the presence of a sanitary sewer main and a storm line which are located at the end of Parkview, directly behind the wall.

Town Board authorization is requested for a professional services contract with Langan Engineering for engineering design work associated with the replacement of the retaining wall on Parkview Avenue, at a cost not to exceed \$48,500.00. A copy of the proposal is attached for you information and review.

Further, as this project was unanticipated and therefore not funded in the Capital Budget, I respectfully request that the Town Board assign a funding source for this contract.

Finally, authorization is requested for the Purchasing Department to issue a purchase order to Langan Engineering in an amount not to exceed \$48,500.00.

Respectfully submitted,

Michael J. Amodeo, P.E.
Town/Village Engineer

MJA/fmb

Attachment

Cc: Anthony P. Robinson, Commissioner of Public Works
Maureen MacKenzie, Comptroller
Purchasing Department

September 16, 2014

Mr. Michael Amodeo, P.E.
Town/Village of Harrison
Alfred F. Sulla Jr. Municipal Building
1 Heineman Place
Harrison, NY 10528

**Re: Anderson Hill Road – Retaining Wall
Harrison, New York
Langan Project No.: TBD**

Dear Mr. Amodeo:

As requested, Langan is pleased to submit this proposal to provide the Geotechnical and Civil Engineering services associated with the above referenced project. The project includes the evaluation and design for the reconstruction of an existing retaining wall located off Anderson Hill Road. We anticipate providing the following services to the Harrison Engineering Department in order to provide construction documents suitable for public bid.

Scope of Services

The following is a general description of the services to be provided by Langan:

- Visual Assessment of the existing conditions to evaluate and to make recommendation relative to temporarily support the wall during the design process. We will also review the site conditions to develop the best final wall design.
- Evaluate existing soil conditions and perform one (1) soil boring if necessary. If required, the boring will be advanced to a depth of 25' or until suitable soils are encountered.
- Prepare preliminary design drawings (50% complete) for review and approval by the Town and impacted Adjacent Property Owners.
- Prepare 100% complete construction drawings including a cover sheet, existing conditions and removals plan, layout plan, grading and drainage plan, structural design of the retaining wall and construction details.
- Technical specifications will be provided to the Town/Village to be included in the project manual. The Town/ Village of Harrison will be responsible for assembling the project manual.
- Prepare an estimate of probable construction costs.
- Evaluate bids and provide a recommendation of award to the Town.
- Attend a pre-construction and pre-bid meeting.

- Review shop drawings (we anticipate only reviewing the shop drawing twice, should our review exceed two reviews we will discuss any additional fee required to perform additional reviews).
- Two site visits, our observation will include the reinforcing bars for the wall footing and stem wall.

Assumptions:

- Client will provide any available drawings or existing conditions surveys.
- The following services are excluded: easement negotiations with the neighboring property owner, meetings with the property owners, easement maps or legal descriptions, environmental studies, Health Department approval and as-built plans. Should these services be requested, a separate scope and fee will be submitted for same.

We propose a Lump Sum Fee of \$48,500.00.

We appreciate this opportunity to service the Town Engineering Department on this project and look forward to working closely with you on this project. Should you have any questions or concerns regarding the content of this proposal, please feel free to contact our office. Should you find this proposal acceptable please sign where indicated below and either fax or e-mail back to our office.

Sincerely,

**Langan Engineering, Environmental, Surveying
and Landscape Architecture, D.P.C.**



Michael Finan, PE LEED AP
Senior Project Manager