

RESOLUTION
of the
BOROUGH OF NEW PROVIDENCE
Resolution No. 2014-070

Council Meeting Date: 01-27-2014

Date Adopted: 01-27-2014

TITLE RESOLUTION ACCEPTING THE PROPOSAL OF MASER
CONSULTING, P.A. FOR PROFESSIONAL ENGINEERING SURVEY
AND DESIGN SERVICES REGARDING STORMWATER OUTFALLS
AND STREAM BANK

Councilperson Galluccio submitted the following resolution, which was duly
seconded by Councilperson Kapner.

WHEREAS, the Borough of New Providence acquired Professional Engineering
and Professional Environmental Consulting Services as a non-fair and open contract
pursuant to the provisions of N.J.S.A. 19-44A-20.5; and

WHEREAS, Maser Consulting was awarded a contract with the Borough of New
Providence via Resolution 2014-023 provide professional engineering services; and,

WHEREAS, Maser Consulting Services has submitted a proposal dated January
20, 2014 indicating they will provide professional engineering survey and design and
services relating to the repair of two (2) stormwater outfalls and the stabilization of a
stream bank, for an amount not to exceed \$34,000.00; and

WHEREAS, the fees assessed with this proposal are contained in said contract;
and

WHEREAS, the Chief Financial Officer has determined and certified in writing that
the value of the service will not exceed \$34,000.00.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Council of the
Borough of New Providence that they hereby approve and authorize the professional
services included in the Maser Consulting Services proposal dated January 20, 2014.

APPROVED, this 27th day of January, 2014.

RECORD OF VOTE

	AYE	NAY	ABSENT	NOT VOTING
GALLUCCIO	X			
GENNARO	X			
KAPNER	X			
MADDEN	X			
MUÑOZ	X			
ROBINSON	X			
HERN			TO BREAK COUNCIL TIE VOTE	

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 27th day of January, 2014.

Wendi B. Barry, Borough Clerk



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

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January 20, 2014

Mr. Douglas R. Marvin, Administrator
Borough of New Providence
360 Elkwood Avenue
New Providence, New Jersey 07974

Re: Stormwater Outfall and Stream Bank Repairs
Engineering Survey and Design Services
Borough of New Providence
Union County, New Jersey
MC Project No. NPT-254

Dear Mr. Marvin:

Maser Consulting P.A. (Maser Consulting) is pleased to present the following proposal for professional engineering services associated with the repair/replacement of two (2) stormwater outfalls and the stabilization of a stream bank. Specifically, the outfalls are located at the terminus of Pine Way and the terminus of Ashwood Road. Both outfalls discharge to the Passaic River. The stream bank is located within an easement along the eastern property line of 41 Brook Hollow Lane. These outfalls and stream bank were impacted by Hurricane Irene, resulting in the loss of stormwater piping and severe erosion. As you are aware, the project has been awarded a FEMA Grant in the amount of \$391,210.00.

Design drawings and bid specifications will be prepared for each of the three (3) sites; Pine Way, Ashwood Road and Brook Hollow Lane. Accordingly, the Scope of Services outlined below includes the work necessary to prepare the bid packages for each site.

SCOPE OF SERVICES

PHASE 1.0 DESIGN AND PREPARATION OF BID DOCUMENTS – PINE WAY

Due to severe erosion at the northern end of Pine Way resulting from Hurricane Irene, repairs to the stormwater management system are required. Improvements include storm sewer structures, piping, a headwall, a scour hole, rip rap and vegetation to stabilize the areas along this discharge



point. Utilizing the survey base map prepared under a previous contract and scope, Maser Consulting will prepare detailed engineering design drawings, inclusive of a Title Sheet; General Notes and Legend; Estimate of Quantities; Site Plan; Grading, Drainage and Utilities Plan; Soil Erosion and Sediment Control Plan and Construction Details. The required drainage calculations will be prepared in an effort to minimize downstream erosion as required by the Somerset-Union Soil Conservation District.

Maser Consulting will prepare specifications, both supplemental and technical, for all site improvement items that are detailed on our site plan drawings for incorporation into the overall bid specifications. The specifications will be prepared in the latest NJDOT format, as amended.

Maser Consulting will contact the regulatory agencies listed below to confirm whether permits will be required. The preparation and submittal of the applications and supporting information required to apply for the approvals and/or permits is included in this phase.

The completed construction plans as described below will be packaged, along with the required applications, for submission to the following agencies:

- Somerset-Union Soil Conservation District for Soil Erosion and Sediment Control Plan Certification and NJPDES Stormwater Discharge Permit (RFA);

Maser Consulting will submit the required number of completed Construction Document sets, including the necessary applications to initiate the process of plan review, to the appropriate approval agencies having jurisdiction. All permit fees shall be the responsibility of the Borough. Depending on the progress of the project, the above application may be submitted during the Construction Document Phase if sufficient design elements/design documents have been finalized for a complete application.

Upon completion of the final contract documents (construction plans, specifications and construction cost estimate), Maser Consulting will furnish the Borough with three (3) signed and sealed complete sets of full size bid documents for the Borough's use in bidding the project. Additional copies can be provided on a time and material basis in accordance with the rate schedule currently on file with the Borough.

PHASE 1.0 DESIGN AND PREPARATION OF BID DOCUMENTS

***\$12,000.00**

***Cost not to exceed**



PHASE 2.0 DESIGN AND PREPARATION OF BID DOCUMENTS – ASHWOOD ROAD

Due to severe erosion at the eastern end of Ashwood Road resulting from Hurricane Irene, repairs to the stormwater management system are required. Improvements include storm sewer structures, piping, a headwall, a scour hole and vegetation to stabilize the areas along this discharge point. The storm water runoff will be re-directed to an alternate drainage ditch as part of this effort due to the severity of erosion along the original discharge point. The storm water runoff will ultimately be tributary to the Passaic River, as it is under existing conditions. For safety purposes, fencing is proposed around the void that resulted from the erosion. Utilizing the survey base map prepared under a previous contract and scope, Maser Consulting will prepare detailed engineering design drawings inclusive of a Title Sheet; General Notes and Legend; Estimate of Quantities; Site Plan; Grading, Drainage and Utilities Plan; Soil Erosion and Sediment Control Plan and Construction Details. The required drainage calculations will be prepared in an effort to minimize downstream erosion as required by the Somerset-Union Soil Conservation District.

Maser Consulting will prepare specifications, both supplemental and technical, for all site improvement items that are detailed on our site plan drawings for incorporation into the overall bid specifications. The specifications will be prepared in the latest NJDOT format, as amended.

Maser Consulting will contact the regulatory agencies listed below to confirm whether permits will be required. The preparation and submittal of the applications and supporting information required to apply for the approvals and/or permits is included in this phase.

The completed construction plans as described below will be packaged, along with the required applications, for permit review submission to the following agencies:

- Somerset-Union Soil Conservation District for Soil Erosion and Sediment Control Plan Certification and NJPDES Stormwater Discharge Permit (RFA);

Maser Consulting will submit the required number of completed Construction Document sets, including the necessary applications to initiate the process of plan review, to the appropriate approval agencies having jurisdiction. All permit fees shall be the responsibility of the Borough. Depending on the progress of the project, the above application may be submitted during the Construction Document Phase if sufficient design elements/design documents have been finalized for a complete application.

Upon completion of the final contract documents (construction plans, specifications and construction cost estimate), Maser Consulting will furnish the Borough with three (3) signed and sealed complete sets of full size bid documents for the Borough's use in bidding the project.



Additional copies can be provided on a time and material basis in accordance with the rate schedule currently on file with the Borough.

PHASE 2.0 DESIGN AND PREPARATION OF BID DOCUMENTS ***\$12,000.00**
***Cost not to exceed**

PHASE 3.0 DESIGN AND PREPARATION OF BID DOCUMENTS – BROOK HOLLOW LANE

Due to severe erosion resulting from Hurricane Irene along the stream bank located within the Borough's easement on the property at 41 Brook Hollow Lane, repairs and improvements to the stormwater management system are required. Improvements include storm sewer structures, piping, a headwall, rip rap, gabion walls and vegetation to stabilize the areas along this connection point to the Borough storm sewer system. In addition to minimizing erosion, the improvements will provide temporary detention within the channel during large storm events in an effort to avoid flood impacts to adjacent properties as stormwater runoff discharges to the Borough storm sewer system through the proposed headwall at the southern end of Brook Hollow Lane. Utilizing the survey base map prepared under a previous contract and scope, Maser Consulting will prepare detailed engineering design drawings inclusive of a Title Sheet; General Notes and Legend; Estimate of Quantities; Site Plan; Grading, Drainage and Utilities Plan; Soil Erosion and Sediment Control Plan and Construction Details. The required drainage calculations will be prepared in an effort to minimize downstream erosion as required by the Somerset-Union Soil Conservation District.

Maser Consulting will prepare specifications, both supplemental and technical, for all site improvement items that are detailed on our site plan drawings for incorporation into the overall bid specifications. The specifications will be prepared in the latest NJDOT format, as amended.

Maser Consulting will contact the regulatory agencies listed below to confirm whether permits will be required. The preparation and submittal of the applications and supporting information required to apply for the approvals and/or permits is included in this phase.

The completed construction plans as described below will be packaged, along with the required applications, for permit review submission to the following agencies:

- Somerset-Union Soil Conservation District for Soil Erosion and Sediment Control Plan Certification and NJPDES Stormwater Discharge Permit (RFA);

Maser Consulting will submit the required number of completed Construction Document sets, including the necessary applications to initiate the process of plan review, to the appropriate approval agencies having jurisdiction. All permit fees shall be the responsibility of the Borough. Depending on the progress of the project, the above application may be submitted during the



Construction Document Phase if sufficient design elements/design documents have been finalized for a complete application.

Upon completion of the final contract documents (construction plans, specifications and construction cost estimate), Maser Consulting will furnish the Borough with three (3) signed and sealed complete sets of full size bid documents for the Borough's use in bidding the project.

PHASE 3.0 DESIGN AND PREPARATION OF BID DOCUMENTS ***\$10,000.00**
***Cost not to exceed**

PROJECTED SCHEDULE:

The estimated schedule for the project is outlined below.

	<u>Approximate Start Date</u>	<u>Approximate End Date</u>
Approval of Engineering Proposal	January 27, 2014	January 27, 2014
Prepare Design Plans	February 3, 2014	April 7, 2014
Bidding Period Services	April 14, 2014	May 12, 2014
Project Award	May 19, 2014	
Pre-Construction Meeting	May 27, 2014	
Anticipated Construction Start	May 30, 2014	July 18, 2014

FEE PROPOSAL

For your convenience, we have broken down the total estimated cost of the project into the categories identified within the Scope of Services. Maser Consulting will invoice the project at the hourly rates established in our 2014 Borough Engineering contract.

PERMIT FEES

Fees for applications and permits are the obligation of and are to be paid by the Borough.



Douglas R. Marvin, Administrator

NPT-254

January 20, 2014

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EXCLUSIONS

If any item listed herein, or otherwise not specifically mentioned within this agreement or the Borough Engineering Agreement, is deemed necessary, Maser Consulting may prepare an addendum to this agreement for your review, outlining the scope of additional services and associated professional fees regarding the extra work. All unanticipated additional work shall be in accordance with the Schedule of Hourly Rates for the number of hours performed. No extra work will be performed without authorization from the Borough.

If you find this proposal acceptable, please forward a copy of the Resolution of Approval for this proposal to this office. This will constitute approval of the proposed work.

Thank you for the opportunity to offer our services for the Stormwater Outfall and Stream Bank Repairs. We look forward to working with you on this and future projects. In the meantime, should you have any questions regarding this proposal, please feel free to contact me.

Very truly yours,

MASER CONSULTING P.A.

A handwritten signature in black ink, appearing to read 'A. Hipolit', is written over the printed name.

Andrew R. Hipolit, P.E., P.P., C.M.E.
Borough Engineer

ARH/dtr

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