

RESOLUTION
of the
BOROUGH OF NEW PROVIDENCE
Resolution No. 2015-406

Council Meeting Date: 11-16-2015

Date Adopted: 11-16-2015

TITLE RESOLUTION ACCEPTING THE PROPOSAL OF MASER
CONSULTING P.A. FOR ENVIRONMENTAL LICENSED SITE
REMEDIAION PROFESSIONAL SERVICES FOR THE PING WANG
BROWNSFIELD GRANT

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

WHEREAS, the Borough of New Providence has a need to acquire Environmental
Licensed Site Remediation Professional 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 P.A. has submitted a proposal dated October 30,
2015 indicating they will provide professional Environmental Licensed Site Remediation
Professional services in connection with environmental investigations at t he Ping Wang
site, for an amount not to exceed \$74,015.00; and

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

WHEREAS, the maximum amount of the contract is not to exceed \$74,015.00, and said
funds are available from the following accounts:

20-15—G801-2-

and have been certified by the Chief Financial Officer; and

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 October 30, 2015.

APPROVED, this 16th day of November, 2015.

RECORD OF VOTE

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

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 16th day of November, 2015.

Wendi B. Barry, Borough Clerk



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

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October 30, 2015

VIA EMAIL & US MAIL

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

Re: Ping Wang Site – Former Greenhouse
Environmental Services – Brownfield Grants
MC Proposal No. NPT-157P

Dear Mr. Marvin:

Maser Consulting P.A. is submitting this proposal to provide environmental services to the Borough of New Providence in connection with environmental investigations at the Ping Wang site. The Borough is interested in this property for redevelopment for recreational purposes.

In October 2009 a Hazardous Discharge Site Remediation Fund (HDSRF) application was submitted to the NJDEP for review and approval. The NJDEP/EDA has approved the grant application in May 2015. The following scope of work is based on the investigation completed to date and the approved scope of work and cost estimate include in the grant application:

SCOPE OF WORK

PHASE 1.0 SOILS INVESTIGATION

Additional investigation of soils is required to evaluate the extent of impacts of various AOCs as identified in the Remedial Investigation Workplan. A total of 24 boring are proposed. Soil borings will be installed using a Geoprobe to collect a continuous soil core for characterization. Recovered soil will be field screened with a photo ionization detector (PID) and logged. One soil sample will be collected from each boring for chemical analysis based on the previous sampling depth where impacts were identified by sample analysis. Sample collection for chemical analysis will be conducted in accordance with The Technical Requirements for Site Remediation at 7:26E, the New Jersey Department of Environmental Protection (NJDEP) Field Sampling Procedures Manual (August 2005), and the NJDEP Technical Guidance for Site Investigation of Soil, Remedial Investigation of Soil, and Remedial Action Verification Sampling for Soil (March 2015). Costs are provided for two (2) days of geoprobe sampling. Quality assurance/quality control (QA/QC) samples will be collected in accordance with NJDEP requirements.



Phase 1.0 Not to Exceed Fee **\$22,165.00**

PHASE 2.0 GROUNDWATER INVESTIGATION

Installation of two additional monitoring wells is proposed within the former greenhouse areas (AOC#5). Wells will be constructed of 2” diameter PVC pipe with 10 feet of screen. The wells will be fitted with locking steel protective casings. Two weeks after the wells have been properly developed, samples will be collected from the wells. Groundwater samples will be analyzed for TAL/TCL+30 compounds.

Additionally, the three existing monitoring wells have been located on site as part of previous investigations conducted at the site. During installation activities for the two proposed wells, the three existing wells will be re-developed. Two weeks after the wells have been properly re-developed, samples will be collected from the wells. Groundwater samples will be analyzed for TAL/TCL+30 compounds.

Phase 2.0 Not to Exceed Fee **\$22,950.00**

PHASE 3.0 GEOPHYSICAL SURVEY

The potential for underground storage tanks and other subsurface anomalies will also be investigated via a geophysical survey of the property. The geophysical survey will include the following tasks:

A. Electromagnetic Survey

Maser Consulting will perform a geophysical survey over accessible portions of the site to evaluate subsurface features and possible anomalies using electromagnetic induction (EM) techniques. A GSSI Profiler EMP 400 instrument will be used to measure electrical conductivity of the shallow soils over the site to locate near-surface features. Conductive anomalies are typically associated with metal, debris, or potential contamination plumes. It is assumed that the site is free of overgrown vegetation or obstructions (such as vehicles and waste/recycling containers) that may limit our survey area.

B. Ground Penetrating Radar Survey

Maser Consulting will perform a ground-penetrating radar (GPR) survey to refine understanding of select and appropriate anomalies identified via EM techniques in the EM survey areas described above. The GPR survey will be conducted using a GSSI SIR-3000 instrument with a 400 Mhz antenna. This system is capable of exploring depths of one (1) to twenty (12) feet



below land surface, conditions-permitting. Utilizing the GPR with an integrated survey wheel and survey-grade Trimble GPS system, we will estimate depth, thickness, and extent of the soils and possible buried objects (drums, USTs, refuse piles etc.). In conjunction with the EM survey results, will also use the GPR results to further characterize and assess subsurface features for subsequent environmental evaluation. Note that additional investigation and/or action may be required or recommended pending the findings of the geophysical survey.

Phase 3.0 Not to Exceed Fee **\$4,400.00**

PHASE 4.0 PROJECT MANAGEMENT/REPORT PREPARATION

This scope also includes coordination of field efforts and evaluation new site data and determination of additional actions required to investigate/remediate site environmental areas of concern in accordance with The Site Remediation Reform Act (SRRA). Upon completion of field activities and upon receive of final laboratory reports, Maser will prepare a Site Investigation Report Addendum which meets the requirements of N.J.A.C 26E-3.13. The report will illustrate findings of the geophysical survey and detail findings of the soils and groundwater investigation. Recommendations for additional action, if necessary, will be provided along with an additional scope and cost estimate.

Phase 4.0 Not to Exceed fee **\$24,500.00**

FEE SCHEDULE

For your convenience, we have broken down the total estimated cost of the project in the categories identified within the Scope of Services:

PHASE 1.0	SOIL INVESTIGATION	\$ 22,165.00
PHASE 2.0	GROUNDWATER INVESTIGATION	\$ 22,950.00
PHASE 3.0	GEOPHYSICAL SURVEY	\$ 4,400.00
PHASE 4.0	PROJECT MANAGEMENT/REPORT PREPARATION	\$ 24,500.00

If an item listed herein, or otherwise not specifically mentioned within this agreement, is deemed necessary then Maser Consulting may prepare an addendum to this agreement for your review, outlining the scope of additional services and associated professional fees with regard to the extra work.

PROJECT COSTS

We propose to perform the work described above on a time and materials basis according to the enclosed Schedule of Hourly Rates. We will not exceed an estimated project cost of **\$74,015.00**



without your prior authorization. This fee schedule is based upon with our current contract. If you find this proposal acceptable, please sign where indicated below and return the original to this office.

We appreciate the opportunity of submitting this proposal and look forward to performing this work for you. In the meantime, should you have any questions regarding this proposal, please feel free to contact us.

Very truly yours,

MASER CONSULTING P.A.

Kurt A. Martin, P.G., LSRP
Senior Project Manager

Robert L. Zelle, P.G., LSRP
Senior Principal
Director of Environmental Services

RLZ/KAM/dw

cc: Andrew Hipolit, PE. Municipal Engineer

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I hereby declare that I am duly authorized to sign binding contractual documents for the Borough of New Providence. I also declare that I have read, understand, and accept the foregoing terms and conditions.

Signature

Date

Printed Name

Title