

RESOLUTION NO. 2014-~~342~~

A RESOLUTION AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES WITH PENNONI ASSOCIATES, INC., HADDON HEIGHTS, NJ, TO CONDUCT A REMEDIAL INVESTIGATION AT THE POLICE TRAINING FACILITY.

WHEREAS, there exists a need for Professional Services to Conduct a Remedial Investigation at the Police Training Facility, including water & soil sampling/testing/reporting and installation of monitoring wells; and

WHEREAS, the City of Vineland has a need to acquire such professional services as a Non-Fair and Open Contract pursuant to N.J.S.A. 19:44A-20.5; and

WHEREAS, Pennoni Associates, Inc., Haddon Heights, NJ has submitted a proposal indicating they will provide the professional services in the amount not to exceed \$25,500.00 for a contract period one year from date of award; and

WHEREAS, Pennoni Associates has completed and submitted a Business Entity Disclosure Certification for Non-Fair and Open Contract which certifies that Pennoni Associates has not made any reportable contributions to a political or candidate committee in the City of Vineland in the previous one year and that the contract will prohibit Pennoni Associates from making any reportable contributions through the term of the contract to a political or candidate committee in the City of Vineland; and

WHEREAS, the availability of funds for said Professional Services Contract to be awarded herein have been certified by the City Comptroller; and

WHEREAS, the Local Public Contract Law (N.J.S.A. 40A:11-1, et seq) requires that the Resolution authorizing the award of contract for Professional Services without competitive bidding and the contract itself must be available for public inspection.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Vineland as follows:

1. That the Mayor and Clerk are hereby authorized and directed to execute a Non-Fair and Open Agreement pursuant to N.J.S.A. 19:44A-20.5 with Pennoni Associates, Inc., Haddon Heights, NJ for Professional Services to Conduct a Remedial Investigation at the Police Training Facility at the Police Training Facility in an amount not to exceed \$25,500.00.
2. That this Agreement is awarded without competitive bidding as a Professional Services in accordance with N.J.S.A. 40A:11-5(1)(a) of the Local Public Contracts Law because said services to be rendered or performed require knowledge of an advanced type in a field of learning acquired by a prolonged formal course of specialized instruction distinguished from general academic instruction or apprenticeship and training.
3. That the Business Disclosure Entity Certification and the Political Contribution Disclosure Form be placed on file with the Resolution.
4. That a Notice of this action shall be printed once in the Daily Journal.

Adopted:

President of Council

ATTEST:

City Clerk

**REQUEST FOR RESOLUTION FOR CONTRACT AWARDS
UNDER 40A:11-5 EXCEPTIONS
(PROFESSIONAL SERVICES, EUS, SOFTWARE MAINTENANCE, ETC)**



8/14/2014
(DATE)

1. Service (detailed description): Permanent monitoring wells, water & soil sampling/
testing/reporting for remedial investigation at police training facilty req.byNJDEP.
2. Amount to be Awarded: \$ 25,500.00
 Encumber Total Award
 Encumber by Supplemental Release
3. Amount Budgeted: \$ 25,500.00
4. Budgeted: By Ordinance No. 2014-309
Or Grant: Title & Year _____
5. **Account Number to be Charged: _____
6. Contract Period: 1 year
7. Date To Be Awarded: 8/26/2014
8. Recommended Vendor and Address: Pennoni Associates, Inc., 515 Grove Street,
Suite 2C, Haddon Heights, NJ 08035
9. Justification for Vendor Recommendation:(attach additional information for Council review)
Pennoni Associates has already performed testing & analysis for this site and is
familiar with the police training facility as well as the work that needs to be
completed.
- Non-Fair & Open (Pay-to-Play documents required)
 Fair & Open: How was RFP advertised? _____
10. Evaluation Performed by: Michael Russo
11. Approved by: Brian Myers, PE, CME
City Engineer
12. Attachments:
 Awarding Proposal
 Other: _____

- **Send copies to:**
Purchasing Division
Business Administration

**** If more than one account #, provide break down**



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

May 23, 2014

PRO 14-02437

RECEIVED

MAY 27 2014

Engineering Division

Martin Geisser, Assistant Engineer
City of Vineland
640 E. Wood Street
PO Box 1508
Vineland, New Jersey 08362-1508

**RE: REMEDIAL INVESTIGATION (RI) PROPOSAL
CITY OF VINELAND POLICE TRAINING FACILITY FIRING RANGE
3361 MAYS LANDING ROAD, CITY OF VINELAND
VINELAND, CUMBERLAND COUNTY, NEW JERSEY 08362
INCIDENT# 13-07-11-0908-33**

Dear Mr. Geisser:

Pennoni Associates Inc. (Pennoni) is pleased to present this proposal to conduct a Remedial Investigation (RI) in accordance with the New Jersey Department of Environmental Protection (NJDEP) *Technical Requirements for Site Remediation* (N.J.A.C. 7:26E) relative to lead impacts to soil and groundwater due to firing range activities at the above referenced property (hereinafter referred to as "subject property" or "site"). Based on our review of documentation provided by you as well as our site investigation for soil and groundwater, we have the following understanding of the subject property:

- The subject property operates as a Police firing range training facility.
- Pennoni conducted a subsurface soil investigation at the subject site on June 17, 2013, July 10, 2013 and July 22, 2013. The investigation included 41 soil borings and the collection of approximately 102 soil samples for lead analysis.
- The soil investigation was conducted in June 2013 along the soil berms that are located in back, along-side and in front of the firing range area.
- Soil samples in the berm were collected along-side the target/shell trap locations at a depth of 0 to 6 inches below ground surface (bgs), 0 to 6 inches into the stained areas and 1.0 feet to 1.5 feet bgs at a location above the stained area. Each soil sample was collected at 0 to 6 inches below ground surface (bgs) and 1.0 to 1.5 bgs.
- Soil sample locations B1A, B1B, B1C through B10A, B10B, B10C contained elevated concentrations of lead ranging from 1,240 milligrams per kilogram (mg/kg) to 30,900 mg/kg. These soil samples exceeded the NJDEP Residential Direct Contact Soil Remediation Standard (RDCSRS) of 400 mg/kg for lead and the Non-Residential Direct Contact Soil Remediation Standard (NRDCSRS) of 800 mg/kg for lead, and the default impact to groundwater screening level of 90 mg/kg.

- Soil sample S4A was collected along-side the firing range perimeter and exhibited a lead concentration of 2,230 mg/kg exceeding the NRDCSRS and the default impact to groundwater screening level of 90 mg/kg.
- Based on the soil investigation results, Pennoni was on-site on November 4, 2013 to observe the installation of a temporary groundwater monitoring well (TP1) within soil boring location B8B. This location previously exhibited a soil concentration of 30,900 mg/kg for lead.
- Groundwater at the site was encountered at a depth of 11.5 to 12.0 feet below ground surface (bgs). TP1 was set at a completion depth of twenty (20) feet below grade, with screened interval between 10 feet bgs and 20 feet bgs.
- The groundwater sample was analyzed for lead. The results of the groundwater sample analysis revealed the presence of lead at 20 micrograms per liter (ug/l) which is in excess of the NJDEP GWQS for lead of 5 ug/l.

Accordingly, Pennoni has prepared this proposal to conduct a RI in accordance with the NJDEP *Technical Requirements for Site Remediation* in pursuit of a Response Action Outcome (RAO) for impacted soil and groundwater due to the previous and current firing range activities.

SCOPE OF SERVICES

Pennoni proposes to conduct the requisite environmental investigations utilizing a multi-tasked approach. The scope of services will consist of the following tasks:

- TASK 1 – LICENSED SITE REMEDIATION PROFESSIONAL (LSRP) RETENTION**
- TASK 2 – PUBLIC NOTIFICATION/OUTREACH**
- TASK 3 – RECEPTOR EVALUATION**
- TASK 4 – REMEDIAL INVESTIGATION**
- TASK 5 – REMEDIAL INVESTIGATION REPORT (RIR)**
- TASK 6 – SURVEY AND PREPARATION OF FORM A/B**

The details of each of the above referenced tasks are outlined below.

Task 1 – LSRP Retention,

The LSRP Program was implemented by the NJDEP in November 2009 as a means to more efficiently remediate properties in New Jersey. Under the LSRP Program, licensed individuals take on the role of the NJDEP and oversee/direct the remediation of impacted sites. In addition, for sites being remediated under the LSRP Program, regulatory compliance documents and case closure documents that would normally be issued by the NJDEP are issued by the individual LSRP. On behalf of the City of Vineland, Pennoni will fill out and submit a NJDEP LSRP Retention Form.

If the City has not already done so, a discharge confirmation form will be completed and submitted to the NJDEP as an initial follow up to the reported incident # 13-07-11-0908-33.

Task 2 – Public Notification/Outreach

The NJDEP has instituted a public outreach program which requires the posting of a sign on the affected property, or the submission of letters to nearby property owners, for sites that are undergoing remediation. The intention of the public outreach process is to notify people who may live on the subject property, visit the subject property, or reside on nearby properties that the site is undergoing remediation in accordance with the NJDEP *Technical Requirements for Site Remediation*.

We recommend posting a sign, as that is an expedient and economical notification option. The sign should be posted in a visible area and should be at least 2 feet high and 3 feet wide. The specific wording of the sign will be in accordance with the NJDEP *Technical Requirements for Site Remediation* and will include contact information for the site, and a statement indicating that the site is undergoing remediation. Pennoni will prepare an appropriate sign and send it to the City of Vineland Firing Range for posting. Upon posting the sign, the City of Vineland should take several pictures of the sign, and send them via email to Pennoni. Upon receipt of the pictures of the sign, Pennoni will send the pictures with a cover letter to the NJDEP, the local health department, and the county clerk in accordance with the NJDEP *Technical Requirements for Site Remediation*.

Task 3 – Receptor Evaluation Form Preparation

A receptor evaluation must be conducted for each site currently undergoing remediation in New Jersey. The results of the receptor evaluation must be submitted within one year of the discovery of the discharge. The four (4) primary suspect receptors types consist of: land use (i.e., sensitive populations – schools, day care facilities, etc.), groundwater, vapor intrusion (VI), and ecological receptors.

Upon completion of the proposed RI, Pennoni will evaluate potential receptors and summarize the results of the evaluations in a NJDEP Receptor Evaluation Form. Upon finalization of the Receptor Evaluation Form and signature by the City representative, Pennoni will submit the Receptor Evaluation Form to the NJDEP with the RI Report (see Task 5 below).

Task 4 – Remedial Investigation**Task 4a – Soil**

In order to attempt to complete the soil delineation at the west side of the berm area, Pennoni will advance up to fifteen (15) soil borings using direct push drilling technology (Geoprobe) in accordance with the NJDEP *Field Sampling Procedures Manual* (last revised February 2008). The purpose and locations of each of the proposed soil borings are summarized in the table below.

Area of Concern	Number of Borings	Estimated Depth of Borings	Purpose	Analysis
Horizontal delineation to west side of berm	10	2 feet below ground surface (bgs)	Pursue horizontal and vertical soil delineation of berm area.	Lead
Vertical delineation of berm impacts, beneath berm	3	Up to 10 feet bgs	Pursue vertical soil delineation of berm area, evaluate groundwater pathway	Lead

During the advancement of the soil borings, soils will be inspected and classified. For samples collected to the west of the berm, one (1) sample will be collected for laboratory analysis from each soil boring from 0 to 6 inches, and one from 1.5 to 2 feet bgs. For samples collected beneath the berm, borings will be angled and approach the berm from the closest accessible point, and will be advanced until soils directly beneath the berm are encountered. Samples will be collected from laboratory analysis from native soils immediately beneath the berm. Additional sample(s) may be collected from a deeper depth, at least 2 feet above the anticipated groundwater level, and be extracted by the laboratory with analysis pending results of the shallow sample(s).

Upon collection, soil samples will be containerized in laboratory prepared glassware, stored in a cooler with ice and under legal chain-of-custody, and transported to a New Jersey certified laboratory. Samples collected will be analyzed for lead.

Task 4b – Groundwater

Based on the groundwater results for TP1, Pennoni will conduct a groundwater investigation. The groundwater investigation will include the installation of one (1) permanent monitoring well by a licensed New Jersey driller. The well may be installed in a step-wise fashion, to allow for evaluation of ground water results. The permanent monitoring wells will be installed to a depth sufficient to penetrate encountered apparent groundwater, and constructed of no more than ten (10) feet of 2-inch diameter 0.010-inch polyvinyl chloride (PVC) screen and up to fifteen (10) feet of 2-inch diameter solid PVC riser, based upon anticipated depth to groundwater. The monitoring well will be constructed as flush mount to grade. Prior to the collection of the groundwater samples, the monitoring wells will be purged using low-flow (minimal draw-down) groundwater sampling procedures. A submersible pump will be utilized with a variable speed controller. Field readings for pH, temperature, conductivity, oxidation/reduction potential, and dissolved oxygen shall be recorded.

Upon stabilization of the field readings, a groundwater sample will be collected from each groundwater monitoring well, containerized in laboratory prepared glassware with appropriate sample preservative, placed into a cooler with ice, and transported under chain of custody to a NJDEP certified laboratory. The groundwater samples will be analyzed for lead.

Task 4c – Groundwater (If required)

If groundwater results from the first installed permanent monitoring well are detected greater than the NJDEP Groundwater Quality Standards (GWQS), an additional four (4) monitoring wells will be required to delineate the horizontal limits of impacted groundwater. The same procedures as mentioned in Task 4b will be used for the installation of the remaining wells, with the exception of a side gradient well which will be located along the west side of the berm. This monitoring well will be constructed as a stick up permanent monitoring well.

Task 5 – RI Report

Upon completion of Task 4 and receipt of laboratory analytical results from the laboratory, Pennoni will prepare a RI Report in accordance with the NJDEP *Technical Requirements for Site Remediation*. The RI Report will include the following information:

- A summary of the site's history and regulatory status;
- A summary of the limited site investigation that was conducted by Pennoni Associates;
- The physical setting, topography, and regional/local geology and hydrogeology;
- Documentation of soil and groundwater sampling activities including boring logs;
- A list of applicable standards and tables/figures showing the soil and groundwater sample results; and
- Preparation of Site Plan, Groundwater Contour Plan, and Isopleth Plans;
- Conclusions and recommendations for additional remedial actions if/as necessary.

Task 6 – Survey and Preparation of Form A/B

If the City does not have in-house surveying services available that can survey the wells and prepare certification documents, a Pennoni New Jersey licensed surveyor will collect survey elevations from each installed permanent well location. Certification forms A and Form B will be prepared by the driller and surveyor. We have excluded this task from our fee amount, but will include it and add its cost to our fee amount if requested by the City.

SCHEDULE

Pennoni is prepared to begin work on this project upon receipt of written Notice to Proceed. We will endeavor to complete the work in accordance with your scheduling needs. We estimate that the project can be completed within 60 days of receipt of notice to proceed. Meeting this schedule is contingent upon the assumptions in the Fee section below.

FEE

Pennoni proposes to complete the scope of services for a **LUMP SUM** fee of **\$25,500.00**. This scope of services is for the proposed RI phase of work, and does not include remedial action, issuance of final remediation documents (RAO) or other phases of work which may be required based upon the results of this work. Our estimated fees per task are detailed below:

Task 1 – LSRP Retention Form.....	\$ 500.00
Task 2 – Public Notification/ Outreach.....	\$ 500.00
Task 3 – Receptor Evaluation.....	\$ 1,500.00
Task 4a/b – RI.....	\$10,700.00
Task 4c – Monitoring Well Installation (If required)	\$ 4,800.00
Task 5 – RI Report.....	\$ 7,500.00

SUBTOTAL LUMP SUM FEE..... \$25,500.00

**Task 6 Survey and Preparation of Well Certification Forms
(If Requested)..... \$ 4,000.00**

The above referenced fees are based on the following assumptions:

- Pennoni’s services include laboratory analytical services and drilling services.
- Unrestricted site access will be provided on the date(s) and time(s) requested.
- Investigation derived soil and groundwater will be placed on site within areas of known impact.
- Utilities will be located by the Client.
- NJDEP fees will be paid directly by the Client.

BILLING AND PAYMENT

Invoices will be submitted monthly and will be based upon the work completed during the billing period. Payment is due upon receipt of invoice. The Client acknowledges that the method of billing and payment has been discussed in detail; that the terms agreed upon can only be changed by a written addendum agreed to by both parties, and that work may be stopped until payment is made in accordance with the agreement.

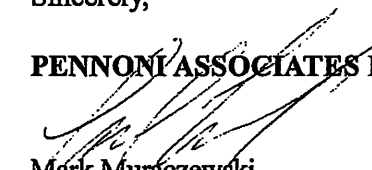
TERMS AND CONDITIONS

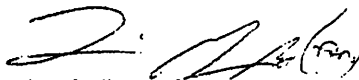
Pennoni’s General Terms and Conditions (Form LE01 Revised 11/2006) are attached hereto and are considered a part of this proposal. The Client indicates by the execution of this proposal that he or she has reviewed and understands the General Terms and Conditions.

We look forward to continue working with you on this project. If you have any questions regarding this submission or require additional information, please feel free to contact us at (856) 547-0505.

Sincerely,

PENNONI ASSOCIATES INC.


 Mark Muraczewski
 Staff Environmental Scientist


 Kevin J. Davis, PE, LSRP
 Vice President