

RESOLUTION NO. 2018- 135

A RESOLUTION AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES WITH ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC., MIDDLESEX, NJ, FOR GROUNDWATER SAMPLING & TESTING AT PUBLIC WORKS YARD ON WALNUT ROAD, IN AN AMOUNT NOT TO EXCEED \$160,000.00.

WHEREAS, there exists a need for professional services for Groundwater Sampling & Testing at Public Works Yard on Walnut Road; 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, the purchasing agent has determined and certified in writing that the value of said services will exceed \$17,500.00; and

WHEREAS, Environmental Strategies & Applications, Inc., Middlesex, NJ has submitted a proposal indicating they will provide the professional services in an amount not to exceed \$160,000.00 for a one year period from April 1, 2018 to March 31, 2019; and

WHEREAS, Environmental Strategies & Applications, Inc. has completed and submitted a Business Entity Disclosure Certification for Non-Fair and Open Contract which certifies that Environmental Strategies & Applications, Inc. 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 Environmental Strategies & Applications, Inc. 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 Environmental Strategies & Applications, Inc., Middlesex, NJ, for Professional Services for Groundwater Sampling & Testing at Public Works Yard on Walnut Road, in an amount not to exceed \$160,000.00.
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, the Political Contribution Disclosure Form and the Determination of Value 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)

3/2/18
(DATE)

1. Service (detailed description): Groundwater sampling & testing at Public Works Yard on Walnut Road

2. Amount to be Awarded: \$ 160,000.00

- Encumber Total Award
- Encumber by Supplemental Release

3. Amount Budgeted: \$ 160,000

4. Budgeted: By Ordinance No. 2014-23
Or Grant: Title & Year _____

5. **Account Number to be Charged: _____

6. Contract Period: 1 Year April 1, 2018 - March 31, 2019 WR per M. Mercado

7. Date To Be Awarded: 3/13/18

8. Recommended Vendor and Address: Environmental Strategies & Applications, Inc
495 Union Ave, Suite 1D, Middlesex, NJ 088

9. Justification for Vendor Recommendation:(attach additional information for Council review)
ESA has performed all groundwater sampling/testing as well as remediation investigations at the VPW site. ESA is very familiar with the site and 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: Mike Russo

11. Approved by: [Signature]

12. Attachments:

- Awarding Proposal
- Other: _____

• Send copies to:
Purchasing Division
Business Administration (BN)

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



January 11, 2018

Via Electronic Mail

Mr. Brian Myers PE
640 E. Wood Street
PO Box 1508
Vineland, NJ 08362-1508

**RE: Ongoing Compliance Requirements for the City of Vineland
Department of Public Works – 1086 E. Walnut Rd., Vineland, NJ
ESA Project No. X3763
ESA Change Order No. CO^2305**

Dear Mr. Myers:

Environmental Strategies and Applications, Inc. (ESA) is pleased to submit this change order to the City of Vineland ("CLIENT") for ongoing environmental compliance requirements related to soil and groundwater impacts at, and emanating from, CLIENT's Department of Public Works (DPW) site. Contaminated groundwater at the DPW became entrained in the hydraulic gradient imposed by the Municipal Potable Well (MPW-13), thus causing groundwater impacts down-gradient from the DPW. This scope of work is to implement a comprehensive groundwater monitoring program for a period of one year and provide environmental services for the pending remedial action activities.

The purpose of this one-year sampling program is two-fold. First, ongoing monitoring is required pursuant to be continuing obligation that the City of Vineland remain protective of human health and the environment. Secondly, ESA's most recent groundwater data from the cemetery (2017 data) indicates that there was a high likelihood that we can obviate active groundwater remediation in the cemetery and eliminate the need for a groundwater classification exception area (CEA) and deed notice to extend offsite. This scope of work is designed to provide corroborating data that supports this cost-saving contention.

1 Background

Impacts at the DPW were first discovered when underground storage tanks (USTs) were removed in the 1990's. Investigations and remedial efforts aimed at cost conservation have been ongoing ever since. Until the CLIENT is ready to begin the remedial effort, NJDEP continues to impose monitoring and reporting requirements. This proposal addresses those requirements for the next year. If ESA receives

ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC.

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authorization to proceed with remediation in advance of the one-year period as described herein, the balance of the work in this change order may not need to be performed.

2 Scope of Work

This proposal addresses investigatory requirements as prescribed within the Site Remediation Reform Act of 2009 (SRRRA, N.J.S.A. 58:10C-1 et seq.). The scope of work is divided into four sections: Project Management and Coordination, Groundwater Quality Monitoring and Sampling, Laboratory Analysis and Data Evaluation, and Summary Reporting.

2.1 Project Management & Coordination

ESA will provide project management and coordination to conduct quarterly groundwater monitoring events to monitor the size and stability of the plume, relative levels of contamination and the presence of potential receptors. These services are required until the remedial action occurs. ESA will also complete selected administrative activities regarding the Public Notice and Participation, the Remediation Funding Source, Regulatory coordination etc., as required.

This scope of work also includes coordination, planning and development of an updated remedial action work plan for both soil and groundwater, as it has been communicated that the relocation of the DPW facilities may occur soon. ESA will evaluate the site data to provide recommendations on anticipated remedial costs and the current remedial methods best suited for the site, based on the long-term goals communicated for the property.

2.2 Quarterly Groundwater Sampling – Four (4) Events

Based on the 2017 groundwater monitoring findings, most the down-gradient off-site monitoring wells do not warrant further sampling at this time. Only the first off-site monitoring well cluster (OS-1 cluster) immediately down-gradient of the site requires sampling to monitor potential plume migration impacts from the site. ESA will provide labor and equipment to gauge groundwater elevations and sample twenty-seven (27) monitoring wells for four (4) quarterly events to monitor the overall groundwater quality conditions at the site. During each event prior to conducting sampling, groundwater elevation will be measured and documented at each location to calculate groundwater flow direction in both the shallow and deep horizons. Following gauging, groundwater samples will be collected for volatile organic compounds (VOCs), including low-level VOCs via conventional purge and sample methods using submersible pumps. Groundwater quality parameters will be collected at each sample location. Purge water will be carbon filtered and discharge to the ground surface unless field observations warrant containment. ESA anticipates that the new 2018 data generated will be consistent with the most recent groundwater data thereby allowing selected monitoring wells to be potentially removed from the future sampling plan. ESA estimates that each sampling event will take three (3) to four (4) days to complete. Some of the sampling events may be obviated if remediation begins within the one-year period.

2.3 Laboratory Analysis, Data Evaluation, and Other Required Services

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After groundwater samples are collected, as described above in Section 2.2, they will be sent to a NJ-certified laboratory for VOC analysis. ESA will evaluate and tabulate the laboratory data, prepare summary data tables, and create groundwater elevation maps along with contaminant isopleth maps. ESA will provide professional services to evaluate and prepare the data in accordance with the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 7:26E). Lithologic cross-section maps will be generated if needed.

2.4 Summary Reporting

ESA will prepare a summary letter report and/or status memo for the first three quarterly events summarizing the work completed that will include tabulated groundwater concentrations compared to the applicable standards, scaled sample location maps, contaminant isopleth maps, groundwater elevation maps and groundwater flow direction. After the fourth sampling event, ESA will prepare an annual report summarizing the contaminant concentration and migration trends that will include fate and transport models for each contaminant, tabulated groundwater concentrations compared to the applicable standards, groundwater elevation data compared to contaminant concentrations and contaminant isopleth maps.

3 Price

ESA's time and materials price to provide the services as described above is \$160,000.

4 SCOPE OF WORK ASSUMPTIONS

The following are project-specific parameters that form the basis of the above pricing. Any deviations from the following may affect project prices.

- The above scope of work is for professional environmental consulting services, only. It does not include any remedial activities.
- The scope of work contained herein does include time for the LSRP to review data and provide input. It, however, does not include the issuance of a Response Action Outcome. Nor does it include the services needed to procure a Remedial Action Permit for groundwater.
- Purge water from each sampled well will be field filtered with Granular Activated Carbon (GAC) and discharged to the ground surface near each respective well. Offsite disposal of well-purge water is not anticipated or included in this scope of work.
- ESA has thus far performed all work for the City of Vineland via professional services contracts. Accordingly, this change order has been priced in the same fashion. Therefore, this change order contains no Prevailing Wage rates.
- If bonding is required, all costs will increase accordingly.

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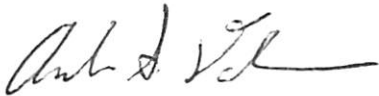


5 Change Order #18-2305 Acceptance

ESA appreciates the opportunity to provide this change order scope of work and is prepared to initiate the work once authorized. To authorize ESA to proceed, kindly return an executed copy of this change order to the undersigned. All work included herein will be performed under the same Terms and Conditions as specified in the original contract unless otherwise stipulated. If you have any questions, please feel free to contact me at (732) 469-8888 or adaher@askesa.com.

Sincerely,

For ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC.



Andrew Daher
Senior Project Manager

Accepted By: _____

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ENVIRONMENTAL STRATEGIES & APPLICATIONS, INC.

RATE SCHEDULE

EFFECTIVE JANUARY 1, 2018 – DECEMBER 31, 2018

PERSONNEL: All rates are per hour.

Principal / Principal Consultant	\$205
Program Director/Executive/LSRP	\$180
Senior Project Manager	\$150
Certified Industrial Hygienist	\$160
Project Manager	\$135
Associate Project Manager	\$95
Industrial Hygienist	\$90
Geologist/Hydrogeologist/Scientist II	\$80
CAD/GIS/Designer	\$80
Environmental Scientist I	\$70
Environmental Technician	\$55
Administrative Support	\$50

EQUIPMENT: All rates are per day, except where noted.

Bailer	\$10
Digital Camera	\$25
Disposables	\$35
Encores	\$10
Fire Extinguisher	\$25
Generator + Fuel Surcharge	\$110
Horiba w/ Flow Cell	\$155
Magnetometer	\$65
PID/OVM	\$125
PDR 1000	\$125
Pump & Converter	\$200
Soil Auger	\$30
Vehicle (Incl. gas, mileage & tolls)	\$175
Water Level Indicator	\$60
½"OD x 3/8" ID Polyethylene Tube (per foot)	0.40

EXPENDABLES: All rates are per unit.

Tyvek Suits, each	\$25
Saranex Suits, each	\$40
Sorbent Boom, per bail	\$130
Sorbent Pads, per bail	\$90
Rubber Gloves, per box	\$18
Visqueen (Per 100-Foot Roll)	\$90

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Glass Drum Tubes, each	\$5
Respirator Cartridges, per set	\$25
Duct Tape, per roll	\$10

ESA assesses a 6.0% insurance surcharge on all invoices.

Then, ESA assesses a 2% office services surcharge on all invoiced amounts.

Personnel are billed portal to portal.

Rates for expert preparation, depositions, and testimony are 2 times those listed.

Rates subject to change upon 30 days' notification

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