




Interoffice Memorandum

June 8, 2017

TO: Mayor Teresa Jacobs  
and the Board of County Commissioners

FROM:  Carrie Woodell, Manager, Procurement Division

CONTACT PERSON: Tisha Pence, Project Manager  
Risk Management Division  
(407) 836-9638

SUBJECT: Approval of Contract Y17-818-EB, Fire Station 20 Remedial  
Action Plan (RAP)

**ACTION REQUESTED**

Approval of Contract Y17-818-EB, Fire Station 20 Remedial Action Plan (RAP), with E Sciences, Inc., in the total annual contract award amount of \$98,045.94. Further request authorization for the Procurement Division to renew the contract for four additional 1-year terms. The Risk Management Division, Environmental Protection Division and Fire Rescue Department concur with this recommendation.

**PURPOSE**

The consultant will continue to provide environmental remedial action activities and continue to implement the RAP that was approved by the state of Florida on January 5, 2012 for Fire Station 20 involving impacted soil and groundwater. To comply with the requirements placed on this project by the Orange County Environmental Protection Division, the RAP must continue during July 2017 and is expected to continue for a minimum of five years. The remedial strategy includes abandonment of unneeded monitoring wells, installation of injection wells, baseline sampling, injection of bio-remediation slurry at quarterly intervals and baseline results with quarterly progress sampling. Natural attenuation monitoring will also be conducted in areas of concern and will continue after the bio-injection areas are complete. Remediation will be considered complete after sampling in all designated areas is below state cleanup levels for two consecutive quarters.

**DISCUSSION**

A discharge was reported to the state of Florida upon discovery of impacted soil and groundwater during tank closure activities in 1999. Assessment and remediation of the contaminate plume has been on-going for the past 18 years, including the installation of a bio-remediation system with a horizontal well in 2006. The new strategy includes natural attenuation monitoring in the low impact areas of concern and bio-injection in areas of concern that exhibit the highest concentration of contaminants.

E Sciences, Inc. was selected based on the following factors:

1. They have provided services at this facility for the past 13 years and have gained invaluable knowledge and experience of the site.
2. They have the technical expertise and knowledge of the bio-injection process using chemicals in the remediation, making them highly qualified for this type of service.
3. The County must provide a continuum of services to ensure that specific knowledge and understanding acquired is available to adequately address this complex and involved remediation.
4. They have established an effective working relationship with the state regulatory agency that will facilitate the successful completion of the RAP.
5. The potential replacement of the consultant team resulting from a competitive RFP process will detract from the need to maintain an ongoing and cohesive approach to the delivery of these services.

Staff negotiated rates that will apply for the entire five-year performance period of the contract if all renewals are exercised.

The rates negotiated with E Sciences, Inc. are the same rates that the County negotiated for their continuing contract that was awarded in November of 2010. The rates and multiplier are fair and reasonable.

Schedule of Services:

Year One:	\$ 98,045.94
Year Two:	\$134,427.91
Year Three:	\$ 39,640.96
Year Four:	\$ 38,577.16
Year Five:	<u>\$ 39,685.02</u>
Total Five Years:	\$350,685.02

The total remediation cost for year two includes \$93,000 for chemical oxidation products and rental of specialized equipment to inject the contaminate plume as part of the remediation plan. The consultant will bill at cost for all chemicals and non-professional services provided by others.