

TAB 8



City of Palmetto Agenda Item

Meeting Date

1/24/10

Presenter: Allen R Tusing

Department: Public Works/Parks

Title:

PBS&J Work Assignment No. 2 Relating to the Palmetto Police Department Environmental Issues

The city has been performing monitoring of a petroleum issue for the past _____ years. The Engineer for this monitoring was JEA. With the contracts ending and all work assignments done we have decided to change direction with this project by using PBS&J. FDEP is requiring that a Supplemental Site Assessment Report for the Palmetto Police Department Property. This is the same report that was required for the Edenfield Property. Once the report is complete and results are in then we will have a direction that we will can follow to hopefully bring this item to a finish. The past monitoring was exactly that monitoring. As with the Edenfield property our goal is the see an end and finish the project.

This project had no funding for the 2011 budget and finance is looking into sources. This is not a project that we want to do but one that is required by FDEP. With that in mind we may have to use fund balance to provide funding for the work at present and prepare a budget once all the data is obtained and direction is known.

Budgeted Amount: \$0.00 **Budget Page No(s):** _____ **Available Amount:** \$0.00 **Expenditure Amount:** \$48,087.39

Additional Budgetary Information: _____

Funding Source(s): _____ **Sufficient Funds Available:** Yes No **Budget Amendment Required:** Yes No **Source:** _____

City Attorney Reviewed: Yes No N/A **Advisory Board Recommendation:** For Against N/A **Consistent With:** Yes No N/A

Potential Motion/ Direction Requested: Motion to authorize the Mayor to execute Work Assignment No. 2 with PBS&J in the amount of 48,087.39

Staff Contact: Allen R. Tusing atusing@palmettofl.org 941-723-4580 or 941 737-0282

Attachments: PBS&J Work Assignment No. 2

**PBS&J
WORK ASSIGNMENT NO. 2**

The City of Palmetto (City) and PBS&J (Consultant) have entered into a Professional Engineering Services Agreement. The City and the Consultant now desire to amend the agreement to include the amended Services as described below. Except as amended herein, all other provisions, terms and conditions in the Agreement shall remain in full force and effect.

TITLE OF THE PROJECT: SUPPLEMENTAL SITE ASSESSMENT REPORT
PALMETTO POLICE DEPARTMENT PROPERTY
FDEP FACILITY # 419102615
COP Job # 04- 400

DESCRIPTION OF AUTHORIZED SERVICES: Implementation of the FDEP Requested Site Assessment Report (SSAR) for Palmetto Police Department property, which is further described in Exhibit A.

<u>Tasks</u>	<u>Estimated Cost</u>
1. Sampling and Data Assessment	\$39,599.50
2. Install Monitoring Well	\$7,527.89
3. Laboratory Analysis for Groundwater	\$960.00

METHOD OF COMPENSATION: The compensation to the Consultant for the performance of the above identified services shall be pursuant to the Rate Schedule as defined in said Agreement, to the extent set forth as follows:

Time and Material Fee: **\$48,087.39**

The Consultant agrees to perform the professional services outlined above at the method of compensation set forth above, upon receipt of authorization from the City of Palmetto.

PBS&J

Attest:

By: _____

Secretary

(Printed name/title)

Date

The City of Palmetto hereby authorizes the professional services outlined above at the method of compensation set forth above.

CITY OF PALMETTO, FLORIDA

By: _____

(Printed name/title)

Date

**SUPPLEMENTAL SITE ASSESSMENT REPORT (SSAR)
FOR THE PALMETTO POLICE STATION PROPERTY
FDEP PROJECT SITE #41/9102615**

SCOPE OF SERVICES

I. GENERAL

Elevated concentrations of petroleum and other constituents have been detected in selected monitoring wells and selected soil samples on the Palmetto Police Department Property, located at 1115 10th Street West in Palmetto, Florida. The site has been under a Natural Attenuation Monitoring (NAM) program since a discharge was discovered on the site in January, 30 1998. The Department has stated that the contamination on the site is not effectively (naturally) attenuating to the point that meets attenuation target clean up levels as specified in Rule 62.770.690, Florida Administration Code (F.A.C.). The Florida Department of Environmental Protection Southwest District has requested that the City initiate up-to-date sampling on the site so that the data can be evaluated for the purposes of prescribing the next step in the site's rehabilitation. After collecting the groundwater data, the City is to submit a Site Assessment Report (SAR) in accordance with Rule 62-780.600, F.A.C., and the City has requested that PBS&J assist in this matter. The City has performed historical site assessment related activities which has included the previous submission of a report with recommendations for natural attenuation to occur, but under the promulgation of Rule 62.780, the FDEP has requested that the City comply with the full extent of this rule and complete a SAR which addresses the specifics described in Rule 62.780.600. Since the City has entered into a dialogue with FDEP, the preparation of a Supplemental Site Assessment Report (SSAR) has been requested that will describe the results of the sampling indices as described within FDEP's December 10, 2009 letter to the City.

The tasks listed below will assist with completion of the supplemental sampling needed to comply with the requirements associated with the SSAR as described within the December 10, 2009 FDEP letter to the City.

II. SCOPE OF SERVICES

Task 1. Sampling and Data Assessment

PBS&J staff to coordinate with laboratory, perform field sampling, provide sampling quality control/quality assurance, document field activities, and analysis of field findings, analyze laboratory results, provide technical support, and prepare report (Site Assessment Report Addendum). Key elements of the scope of services are as follows:

- Conduct additional sampling in areas and media specifically requested by FDEP

- Comply with and perform any additional investigations required by Rule 62-780, FAC,
- Conduct limited additional investigations to support selection of remedial alternative(s),
- Prepare a Site Assessment Report Addendum detailing results of investigation.

Task 2. Monitor Well Installation Activities

PBS&J will design and supervise installation of two new water table monitoring wells as specified by FDEP in the approved SAP. Activities associated with this Task include:

- Install 2 monitoring wells as specified by FDEP (wells will be surveyed and will be installed with 30/65 sand pack and 0.008 screen to help control turbidity),
- Install 1 deeper monitoring well (well will be surveyed and will be installed with 30/65 sand pack and 0.008 screen to help control turbidity)
- All wells will be purged prior to any sampling activities,
- Sample all the wells (up to 16 locations) for PAHs as described within FDEP's December 10, 2009 letter.

Task 3. Laboratory Analysis for Groundwater

FDEP has expressed interest in the current groundwater conditions in the general vicinity of affected areas.

- All groundwater samples will be analyzed for BTEX/MTBE and the 3 new monitor wells will be sampled for PAH's.
- A groundwater samples will be collected from each of the monitor wells (16) and submitted for laboratory analysis of selected parameters.

Exhibit A: Expenses & Labor for Police Station SSAR Activities

Soil/Groundwater Sampling and Expenses

Task	Description	Unit Cost	Unit Description	Quantity	Total Cost	
1A	SSAR SAMPLING AND REPORT PREPARATION ACTIVITIES: PBS&J staff to coordinate laboratory contractors, perform field sampling, provide sampling quality control/quality assurance, document field activities, analysis of field findings, analyze laboratory results, provide technical support, and prepare report. Labor and expenses are as follows.					
	A. Principal in Charge	\$ 213.00	per hour	12	\$ 2,556.00	
	B. HydroGeologist II (soil/groundwater sampling and report prep.)	\$ 121.00	per hour	154	\$ 18,634.00	
	C. Senior Project Manager (Meetings, QA/QC)	\$ 163.00	per hour	26	\$ 4,238.00	
	D. Project Manager	\$ 152.00	per hour	52	\$ 7,904.00	
	E. HydroGeologist II (for slug test and hydraul. conductivity)	\$ 121.00	per hour	8	\$ 968.00	
	F. GIS / CAIDD (Transcribing/modifying figures)	\$ 70.00	per hour	24	\$ 1,680.00	
	G. Clerical (Transcribing Tables)	\$ 45.00	per hour	12	\$ 540.00	
	H. Surveyors	\$ 152.00	per hour	14	\$ 2,128.00	
	I. Well Survey Report	\$ 230.00	per report	0	\$ -	
	J. Slug Test Supplies	\$ 600.00	one-time event	0	\$ -	
	K. Mileage	\$ 0.51	per mile	300	\$ 151.50	
	L. Groundwater Sampling Supplies	\$ 40.00	per well	16	\$ 640.00	
	Field supplies and equipment includes hand auger, OVA, purge pump, tubing, water level probe, sampling containers, Multi-meter sampling probe (i.e., temperature, Dissolved Oxygen, pH, and Turbidity probes), gloves, ice, dionized water, decontamination station, etc.					
Subtotal Task 1A				\$	39,599.50	
1B	MONITORING WELL INSTALLATION ACTIVITIES: 2 days) 3 wells required by FDEP. Install monitoring wells at 3 locations. Wells will be developed and provided with locks and well pads.					
	Drill Rig Mobilization	\$ 510.73	one-time event	1	\$ 510.73	
	Well Installation	\$ 23.25	per linear foot	69	\$ 1,604.25	
	Split Spoon Collection	\$ 9.89	per linear foot	69	\$ 682.41	
	Well Completion	\$ 172.50	per well	3	\$ 517.50	
	Well Pads, Locks, and Covers	\$ 250.00	per well	3	\$ 750.00	
	Drums for IDW	\$ 48.31	per drum	4	\$ 193.24	
	HydroGeologist II	\$ 121.00	per hour	16	\$ 1,936.00	
	Well Permit	\$ 75.00	per permit	3	\$ 225.00	
	Crew Per Diem	\$ 117.96	per day	6	\$ 707.76	
	OVA Rental	\$ 150.00	per day	2	\$ 300.00	
	Mileage	\$ 0.51	per mile	200	\$ 101.00	
	Subtotal Task 1B				\$	7,527.89
	1C	LABORATORY ANALYSIS FOR GROUNDWATER: Groundwater samples from up to 16 locations. Laboratory analysis of samples.				
Groundwater: 14 samples for BTEX/MTBE		\$ 40.00	BTEX/MTBE	14	\$ 560.00	
3 samples for PAH		\$ 90.00	PAHs	4	\$ 360.00	
1 duplicate for QA/QC purposes.					\$ -	
Subtotal Task 1C				\$	960.00	
Total Estimated Cost of SARA				\$	48,087.39	