



January 13, 2016

James W. Bouquet P.E.

Director of Engineering
City of Key West
3140 Flagler Ave
Key West, FL 33040

Subject: Sub-Consultants List in General Environmental Engineering Services Agreement

Dear Mr. Bouquet,

Please accept our request to add three sub consultants to the General Environmental Engineering Services Agreement between the City of Key West and Tetra Tech, Inc., dated January 13, 2015. The three sub consultants are listed below:

Avirom & Associates, Inc. – Surveying & Mapping

Wantman Group, Inc. – Landscape Architecture & Consulting Engineers

Anderson Andre Consulting Eng, Inc. – Geotechnical Eng. & Construction Materials Testing

I have attached their listed hourly rates taken from recently submitted proposals for your convenience. If you have any questions or need any additional information please contact me at (772) 781-3404.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stuart McGahee'.

Stuart McGahee PE
Project Engineer

cc: Shauna Stolter-Hardy, Tetra Tech

RATES

The following lists show the rates used by each consultant. These rates were taken directly from their proposal to Tetra Tech for work in Key West.

AVIROM Hourly Rates

Current Hourly Rates

P.L.S. Principal Coordination	\$150.00/Hour
P.L.S. Technical Coordination	\$100.00/Hour
Survey Crew	\$125.00/Hour
 Computer Computations & Drafting	 \$ 85.00/Hour

WGI, Inc. Hourly Rates

**WANTMAN GROUP, INC
FEE SCHEDULE
EFFECTIVE DATE – JANUARY 1, 2015**

	Hourly Rate
ENGINEERING SERVICES	
Principal Engineer	\$275.00
Project Manager	\$185.00
Senior Professional Engineer	\$170.00
Professional Engineer	\$150.00
Field Engineer	\$125.00
Engineer Intern	\$100.00
CADD Technician	\$100.00
SURVEYING SERVICES	
Principal Surveyor	\$250.00
Senior Professional Surveyor	\$170.00
Professional Surveyor	\$150.00
Survey Intern	\$100.00
2 Man Field Crew	\$130.00
3 Man Field Crew	\$160.00
4 Man Field Crew	\$200.00
5 Man Field Crew	\$225.00
Utility Coordinator	\$130.00
Designating Crew	\$130.00
Vacuum Excavation Crew	\$210.00
Laser Scan Crew	\$250.00
Hydrographic/Bathymetric Crew	\$325.00
PLANNING SERVICES	
Principal Planner	\$215.00
Sr. Project Manager	\$150.00
Project Manager	\$125.00
Planner	\$100.00

	Hourly Rate
LANDSCAPE ARCHITECTURE SERVICES	
Principal Landscape Architect	\$200.00
Senior Project Manager	\$150.00
Project Manager	\$125.00
Designer	\$100.00
ENVIRONMENTAL SERVICES	
Principal Environmental Scientist	\$250.00
Senior Environmental Scientist	\$150.00
Environmental Scientist	\$125.00
OTHER PROFESSIONAL SERVICES	
Expert Witness	\$350.00
GIS Technician	\$100.00
Administrative Assistant	\$70.00
DIRECT EXPENSES	
Blueprints (per sq. ft.)	\$ 0.60
Full Color Plot (per sq. ft.)	\$ 15.00
Photo Mylars (each)	\$120.00
Mylars (per sq. ft.)	\$ 6.00
Copies, Black & White (each)	\$ 0.30
Copies, Color (each)	\$ 1.00
All Third Party Expenses	Cost Plus 15%

ANDERSON ANDRE Typical Rates (Unit rates are bulleted below the description)

Project Management and Coordination of Underground Utility Clearance:
• Staff Engineer; 5 hours @ \$75.00/hour \$375.00

Mobilization/Demobilization of crews drilling equipment:
• 1 event @ \$1,000.00 each \$1,000.00

Standard Penetration Test borings (2 borings to 30 feet):
• 60 feet of borehole @ \$15.00/foot \$900.00

Additional Estimated Drilling Fees:
• Installation and Removal of Casing; 60 feet @ 10.00/foot \$600.00
• Rock Coring; 40 feet @ \$45.00/foot \$1,800.00
• Borehole grouting and sealing \$250.00

Drilling Supervision an Borehole Logging:
• Staff Geotechnical Engineer; 16 hours @ \$75.00/hour \$1,200.00

Laboratory Testing Program:
Visual Classification (incl. RQD determination, if needed) and Laboratory Test for Classification and Determination of Strength and Compressibility Characteristics. These May Include Natural Moisture Content, Organic Content, Grain-Size Analysis, Etc.
• Staff Engineer; estimated 4 hours @ \$75.00/hour \$300.00
• Unconfined Compression Strength Testing of Rock Samples, incl. Measuring, Trimming & Capping; estimated 10 samples @ \$55.00/sample \$550.00

Engineering Services and Report Preparation:
• Sr. Project Engineer - 4 hours @ \$125.00/hour \$500.00
• Project Engineer - 12 hours @ \$95.00/hour \$1,140.00
• CAD/Draftsman Services - 5 hours @ \$50.00/hour \$250.00
• Clerical/Secretarial Services - 4 hours @ \$45.00/hour \$180.00

Project Expenses:
• Travel; Crew and Engineer; 20 hours @ \$50.00/hour \$1,000.00
• Lodging; 2 rooms, 2 nights @ \$150.00/room/day \$600.00
• Per Diem (3 people); 2 days @ \$150.00/day \$300.00