



Interview Evaluation Meeting
Water Quality Monitoring Program Contract
(RFP # RFP 25-004)

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With you today



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Who We Are

- Nation's largest nature-based solutions provider.
 - 18+ years in environmental restoration and monitoring
- Florida Keys-based team with strong relationships across FDEP, DOH, NOAA, USACE and local governments.
- **Goal:** to support the City and stakeholders with science- backed, actionable insights.
- Collaborating with WSP and Eurofins to offer a full-spectrum approach: monitoring, analysis, permitting and solutions.





Comprehensive Operations Plan

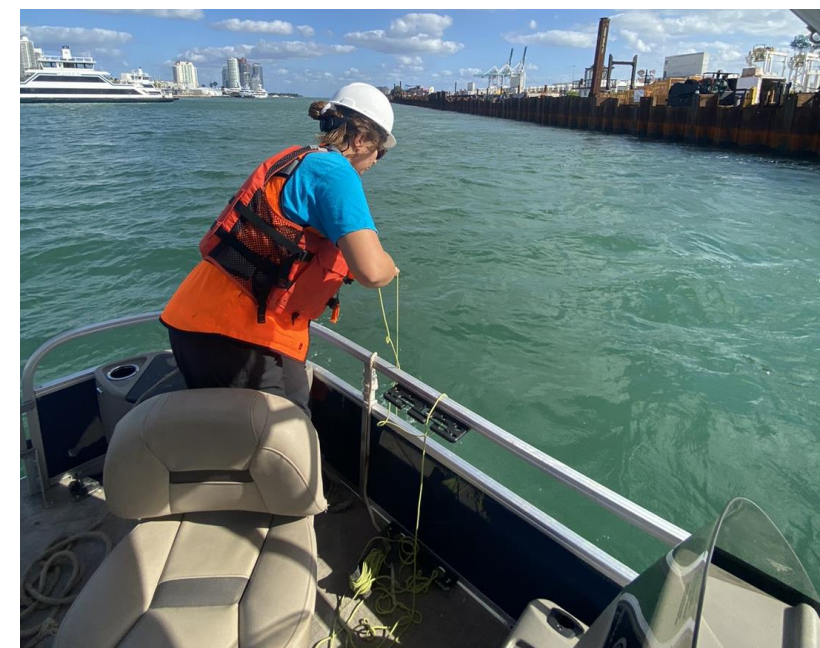
- Fully developed sampling operations plan with:
 - Qualified, certified, experienced field team
 - Equipment redundancy
 - QA/QC reviews every cycle
 - Sample chain-of-custody management and coordination with Eurofins Marathon lab.
- Data collected and reviewed in near real time using mobile apps (FieldMaps, Survey123).
- Can include four beach sites and additional sites.
- Expanded sampling parameters to include turbidity, dissolved oxygen and other water quality indicators.
- Clear contingency planning for weather, staffing, and equipment downtime.





Local Staff, Regional Experience and REsults

- RES deploys a dedicated, qualified local field team based in the FL Keys – trained in FDEP SOPs and safety.
- RES is not just a data collection firm – specialize in collecting defensible, regulatory-compliant scientific data, which informs data-driven, clear, actionable recommendations for restoration.
- Prioritize public outreach - turn complex water quality data into engaging, digestible results to build trust and transparency.
- Example: Village of Islamorada Canal Monitoring
 - RES took over semi-annual water quality and benthic monitoring from FIU.
 - Providing comprehensive data and summary reports to the Village.
 - WSP uses RES' data to design and permit canal restoration solutions.
 - Outcome: Improved water quality and seagrass recruitment in canals.





Beyond Monitoring

- RES goes beyond compliance sampling – we provide clear, science-to-solution pathways.
- Our team has experience supporting NPDES Phase I and Phase II permittees, with:
 - Stormwater master planning, MS4 permit support, infrastructure assessment and pollutant reduction strategies.
- Implement Source Tracking to:
 - Microbial - Differentiate between human, pet, and wildlife sources.
 - Nutrients - Help the City pinpoint causes of elevated sources.
 - Inform targeted responses like stormwater retrofits.
- Our team also incorporates nature-based solutions, such as mangrove restoration and wetland enhancements, to improve water quality, reduce nutrient loads, and build long-term coastal resilience.
- RES translates monitoring results into recommendations for adaptive management.





Why RES is the Right Partner

- RES brings a comprehensive mindset and a turnkey science-to-solution approach, not just monitoring.
- Our local team has deep experience in water quality, NPDES compliance and stakeholder communication.
- Delivering measurable success in projects like Islamorada canal monitoring:
 - Improved water quality and seagrass recruitment.
- Services include:
 - Microbial Source Tracking, turbidity monitoring and trend analysis.
 - Actionable recommendations and nature-based solutions like wetland and mangrove restoration.
 - Clear public-facing tools: dashboards, reports and presentations.
- Offer a cost-effective, fully staffed program.





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