



Florida Floats, Inc.
dba Bellingham Marine

1813 Dennis St.
Jacksonville, FL 32204
www.bellingham-marine.com

P. (904) 358-3362
F. (904) 354-4818

Brad Kaine
Public Works Director – Engineering
City of Fort Lauderdale
100 N Andrews Avenue
Fort Lauderdale, FL 33301

Subject: **Request for Authorization of Subcontractor:** GeoSonics USA, Inc.
City Project: Riverwalk Floating Docks Manufacturing and Installation, P12369

Dear Mr. Kaine,

Bellingham Marine respectfully requests the City of Fort Lauderdale's authorization to engage **GeoSonics USA, Inc.** as a Subcontractor for the above-referenced project. GeoSonics will perform the following scope of services, for an amount not to exceed **\$36,846.91**:

- Geotechnical field explorations and vibration monitoring during pile installation.

These services are not included in the City's contract P12369 with Bellingham Marine. If similar services are listed in the Master Contract but the named Subcontractor is not selected, the Contractor must provide written proof that the original Subcontractor was offered the work and declined before a substitution can be authorized. Declining work under this task order does not preclude the Subcontractor from participating in future task orders under the Master Contract.

The fee schedule and contact information for GeoSonics USA, Inc. are attached. GeoSonics has been notified of and will comply with all terms applicable to Subcontractors under the Master Agreement for Riverwalk Floating Docks Manufacturing and Installation, dated October 3, 2022. A copy of the executed agreement between Bellingham Marine and GeoSonics will be submitted to the City prior to approval of this subcontractor request.

Please indicate your authorization for the use of GeoSonics USA, Inc. on Project P12369 by signing below and returning a copy to the Contractor.

Respectfully,


Jeff Pratt
VP / GM
Bellingham Marine



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Enclosed:

Contractor/Subcontractor Contract
Estimated Subcontractor Work Fee Schedule

City Authorization

The attached Fee Schedule was reviewed and approved by the City's Procurement Division for the above-listed scope of services on the subject project.

David

Digitally signed by David
Clemente

Reviewed: **Clemente**

Date: 2025.08.22 16:10:02
-04'00'

Date: 8/22/2025

David Clemente, Assistant Manager- Procurement & contracts

****This approval for the use of this subcontractor only
and is not an approval of a change order for this project.**

The City Authorizes the use of GeoSonics USA, Inc. for the above listed scope of services on the subject project.

Authorized: _____

Date: _____

Brad Kaine, Public Works Director - Engineering



SERVICES AGREEMENT

This Agreement is made and entered into on August 11, 2025 between Geosonics, Inc. hereinafter referred to as Consultant, with its principal place of business at 6900 SW 21st court, Suite 4, Davie, FL, and Bellingham Marine hereinafter referred to as Client, with its principal place of business at 2014 Dennis Street, Jacksonville, FL 32204. Client and Consultant may also herein after be referred to individually as Party or collectively as the Parties.

WHEREAS, in consideration of certain services (defined hereinafter) performed by Consultant and fees (defined hereinafter) to be paid by Client, and intending to be legally bound hereby, the Parties covenant, agree, and represent as follows:

1. **PURPOSE** - Client engages Consultant to provide and perform certain services as described as follows in the attached, **Exhibit A (The Proposal for Services)**.
2. **PERFORMANCE** - This Agreement establishes an independent contractor relationship and no other relationship, and contains the entire recitation of legal terms governing the relationship. Operational directions and requests shall not amend such terms, and such terms may only be amended by a writing expressing such intent to amend terms and signed by the Parties. This Agreement is binding on all successors of the Parties and shall be deemed a fully integrated Agreement, modifiable only by the manner set forth above. Consultant shall perform such services using due diligence and according to standards of such like Consultants within the same geographical area, but provides no guarantee or warranty (express or implied) with respect to the results of services to Client. Client shall provide adequate time for Consultant's personnel to fulfill the service requirements, and Consultant may perform services at times at Client's location(s) as the Parties may agree.
3. **COOPERATION** - Client agrees to furnish Consultant with accurate data necessary to performance of services on a timely basis as reasonably requested by Consultant. Client shall provide Consultant access to personnel, records, specifications, and provisions as reasonably necessary to facilitate Consultant's performance of services. If requested, Client shall designate a Contact Person within Client's company whom Consultant's communications shall be primarily communicated through.
4. **INDEMNIFICATION** - Client agrees and consents to indemnify, defend and hold harmless Consultant, its agents and employees, from and against all claims, as well as legal costs and attorney's fees, by reason of liability imposed by law upon Consultant, its agents and employees, for damage to property, personal injury, death, breach of contract, or any other claim alleged or sustained by any person or persons and agrees to defend (including, but not limited, attorney's fees, costs and expert witness fees) the Consultant in any legal action based on such claims. This clause shall apply to any and all claims associated with the services contained in the attached Exhibit A.

This indemnification shall not be construed to include (a) acts of willful misconduct conducted by Consultant, its employees, or representatives, or (b) claims of personal injury, death, or tangible property damage caused by vehicles in the possession and control of Consultant, its employees, or representatives.

Notwithstanding anything to the contrary herein, Client is not obligated to indemnify Consultant for the proportion of any damages which are determined to have been caused by Consultant's negligence or omission.

To secure any obligations of the Client herein, the Client shall add Geosonics, Inc. as an additional insured on its insurance coverage (with the exception of Workers' Compensation and Professional Liability) and will provide to Consultant a certificate of insurance which evidences such status.

The Parties agree that in the event any portion of this clause is deemed to be invalid or unenforceable by a court of law, the remainder of this clause shall not be affected thereby and that Consultant's resulting liability, if any, shall be limited to the dollar value of invoice payments received from Client for services rendered.

5. **FEES/PRICING** - For services rendered by Consultant, fees shall be paid in U.S. dollars. The work for Client shall be performed for the sum as detailed in Exhibit A (The Proposal). In the event of special circumstances, amendments to the fees charged will be allowed if mutually agreed to in writing and signed by the Parties. Upon thirty (30) days written notice to the Client, any of the prices quoted by Consultant herein may be increased one (1) time per year by no more than 5%.
6. **PAYMENT** - Net/30. Consultant shall invoice Client monthly for work completed in the prior month. All fees are payable to Consultant within thirty (30) days of completion of work and presentation of invoice(s) to Client. A 1% interest rate will be in effect for any unpaid balances owed after thirty (30) days from presentation of invoice. Client waives its right to set off or suspend payment. If Client has objection to any amounts contained in an invoice, Client must notify Consultant within thirty (30) days of receipt or the invoice will be deemed accepted and interest accrue.
7. **TERM** - This Agreement shall commence upon signature by the Parties and shall remain in effect for 12 months and shall continue thereafter from year to year until terminated by either party in accordance with paragraph 8. Clauses 4, 5, 6, 10, and 11 shall survive termination of this Agreement.
8. **TERMINATION** - Either Party may terminate this Agreement at any time upon thirty (30) days written notice to the other Party.
9. **FORCE MAJEURE** - Neither Party shall be liable for delay in performing the Party's obligations contained in this Agreement if such failure is as a result of Acts of God (including fire, flood, earthquake, storm, hurricane or other natural disaster), war, invasion, terrorist activities, nationalization, government sanction, embargo, labor dispute, or strike.

10. **CONFIDENTIALITY** – The Parties shall not divulge, to any third-party, any confidential or proprietary information obtained during the course of this Agreement without the prior written consent of the Party to which the information originally belongs, except to the extent such information (i) is legally required to be disclosed, (ii) was in the public domain or comes into the public domain through no breach of this Agreement, (iii) was in a third-party's possession prior to receiving it, or (iv) is obtained from a third-party who has the right to disclose such information. Confidential and proprietary information shall be construed to include all written, visual, verbal, or other information obtained or otherwise provided by the Parties to each other.
11. **CHOICE OF LAW** - This Agreement shall be governed by and construed in accordance with the laws of the State of Florida, without regard to Florida conflict of laws principles. The Parties agree that any claim asserted in any legal proceeding by one Party against the other shall be commenced and maintained exclusively in a state or federal court located within Florida having subject matter jurisdiction or personal jurisdiction with respect to the dispute between the Parties (except that a judgment by such courts may be enforced by any court). The Parties hereby submit to the jurisdiction of such courts over each of them personally in connection with such litigation, and waive any objection to venue in such courts and any claim that such forum is an inconvenient forum. As a prerequisite for any legal proceeding in state or federal court the Parties agree that they will first engage in mediation of any dispute.
12. **SIGNATURES** - For purposes of this Agreement, copies of original signatures shall be deemed as original signatures.
13. **COUNTERPARTS** - This Agreement may be executed in counterparts, meaning that execution will be complete when each party holds a copy of this Agreement signed by the other party, even though the signatures of both parties do not appear on the same copy.
14. **ENTIRE AGREEMENT** - If any term or provision of this Agreement to any extent is deemed to be invalid or unenforceable by a court of law, the remainder of this Agreement shall not be affected thereby. Each term and provision of the Agreement shall be valid and enforced to the fullest extent permitted by law. This is the entire Agreement between the Parties. It supersedes all prior or contemporaneous Agreements, understandings, or representations. This Agreement may not be modified or amended except in a writing signed by the Parties. No terms of a purchase order or other document that conflict with this Agreement shall be binding or have any legal validity with respect to the duties owed by either Party.

WITNESSED the due execution hereof the day and year first above written:

Bellingham Marine

(Client)

Jeffrey Pratt
Jeffrey Pratt Aug 25, 2025 14:40:38 EDT

(Signature)

Jeffrey Pratt, Vice President

(Print Name & Title)

Aug 15, 2025

(Date)

Geosonics, Inc.

(Consultant)



(Signature)

Jeffrey Straw, Vice President

(Print Name & Title)

Aug 15, 2025

(Date)

EXHIBIT A

6900 SW 21st Court, Suite 4, Davie FL 33317
954-424-2101 // 954-424-2104 Fax // Toll Free – 866-327-7882



Project Proposal / Estimate

To:	Bryan Falk – Bellingham Marine
From:	Katie Daniel-Mayer – Assistant Manager
Date:	August 11, 2025

Re: Vibration Monitoring: Riverwalk Project

This proposal and cost estimate are provided for anticipated scope of services to monitor the installation of multiple pipe pilings for a floating dock in the New River, Fort Lauderdale, Florida. The floating dock will span multiple utility easements, and the placement of the pilings is critical. The project site is within the New River and all work will be done over water. Monitoring the vibrations from the installation of these pilings cannot be conducted in the standard way.

Alternative monitoring options for these circumstances include installing a geophone (vibration sensor) on a metal plate that sits on the solid surface under the water and has an extension cable that reaches back to the data logger on land, or installing a cased borehole with a downhole geophone that also has an extension cable that reaches back to a data logger on land. Logistically, both options have potential problems. The exposed extension cable would be at risk from movements of the barge and other watercraft in the area, and the vibration levels could be influenced by wave action on the borehole or the soil surface under the water.

The utility easement includes a Florida Power and Light line as well as a sanitary sewer line. The SS line is at an unknown depth and appears to be generally in the middle of the easement (shown in green on the following page), and the FPL line appears to be in the eastern portion of the easement (shown in red on the following page). The closest proposed pile location is approximately 15 feet from the SS line, and approximately 27 feet from the FPL line based on the provided drawings and google earth overlays. The two northwestern pile locations are approximately 17 and 23 feet from the shoreline.

Our recommendation, to be approved by all necessary parties prior to installation, is to monitor the vibrations from the installation of these piles from the shoreline. We can install a standard seismograph to measure vibration levels at the surface, as well as a cased borehole to measure vibration levels at depth equivalent to the underground utilities. The distance of these two seismographs to the pilings would be as comparable to the distance from the pilings to the expected location of the utilities as possible.

Please consider the following scope of work and estimate for our services for this project.

Vibration Monitoring Services:

GeoSonics, Inc. will install and maintain a series of Safeguard Seismic System **Re:mote™** Seismograph Systems developed by GeoSonics, Inc. for the measurement of ground vibration and air overpressure.

The units measure peak particle velocity, frequency and air overpressure produced by vibration sources. These units would operate independently for the project duration, measuring data and providing a daily result. At least one of these seismograph systems will be equipped with a downhole geophone custom built for this project. The downhole geophone will be a purchased item, as it may not be recoverable at the end of the monitoring period. The **Re:mote™** systems and data loggers will be a monthly rental for the monitoring duration. The seismographs will be housed in security boxes similar to the photo at right.

GeoSonics, Inc. will review the data daily and will provide the results via weekly summary report to an indicated contact. Our remote seismographs are capable of sending text message or email alert notifications if vibration levels are exceeded compared to the provided 0.50 in./sec. vibration limit established by Florida Power & Light.



Borehole drilling cost will depend on the location, depth and number of boreholes to be installed and upon the recommended monitoring locations in the monitoring plan as well as approval by Florida Power and Light and the City of Fort Lauderdale. Estimated costs are included below.

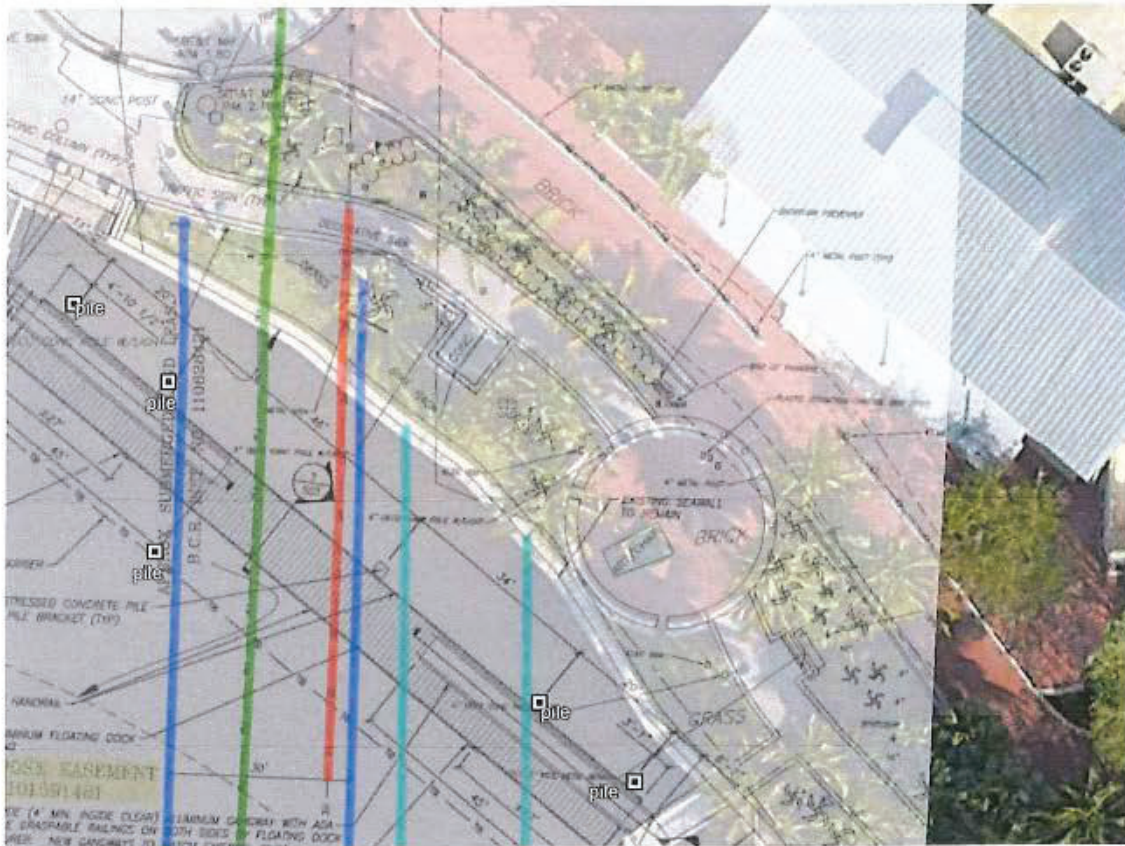
Optional Web-based Data Service:

GeoSonics, Inc. can develop a project-specific web-based data portal for the vibration data to be automatically posted daily and available for review by project personnel using an individual username and password.

Vibration Monitoring Plan:

The number and location of seismographs will be detailed in the monitoring plan, but for estimating purposes, we will consider three seismographs. This is subject to chance with Engineer review and preparation of the monitoring plan for review. At least one of these will be equipped with a downhole geophone to be installed in a cased borehole. Typically, these are installed at a comparable depth and distance from pile location to represent the FPL line that transects the project area.

We anticipate the location of the borehole to be within the grassed area between the sidewalk and seawall onshore from the planned dock. The location will need to be approved by Florida Power and Light as well as the City of Fort Lauderdale. Additionally, a standard seismograph with near surface vibration sensor may be used in this area if deemed permissible to be installed adjacent to or within the utility right of way. Additional seismographs may be installed at the nearest structure to the construction site to measure vibration at the nearby professional building.



Approximate pile locations are shown in the aerial above with a project overlay indicating the expected locations of the utilities within the easements. We have not been told the depth of the force main utility (shown as a green line) that is located within the easement with the FPL utility (shown as a red line). Based on the aerial, the distance from the two closest piles appears to be 12-15 feet to the force main and 27-30 feet to the FPL line.

The remote seismograph estimate includes travel and field time for supervising the borehole drilling, as well as installation and removal costs for installed seismographs. A weekly vibration summary report is included in the seismograph rental rates.

The final cost of services may change depending on the final plan for borehole drilling and scope of Engineer review. If needed, GeoSonics, Inc. can provide an updated scope of work. Estimated rates are included below.

EXHIBIT A

Cost Estimate: Remote Vibration Monitoring

The monthly rate per seismograph system is \$1,160.00 per unit per month. For periods of 1 – 10 consecutive days the rate is \$579.60 The full month rental shall apply for 11 days to the month end.

Three Re:mote™ seismographs at the monthly rate are estimated at \$4,059.60

As part of this estimate we have included the installation of the instruments, and removal at the end of the project. These two trips, including GeoSonics, Inc. Field technician travel and field time, mileage and applicable expenses are estimated at \$3,434.31

Additional trips, if necessary, are estimated at \$780.00

Downhole Vibration Monitoring:

Purchase price for one downhole geophone (\$3,780.00 per unit) \$3,780.00 plus tax.

Specialty calibration of data logger for downhole geophone \$780.00

Subcontracted Drilling services \$10,285.00

Optional Project Website:

Development of project specific website \$780.00

Maintenance of website \$78.00/month

Additional Services

Vibration Monitoring Plan \$2,340.00

Installation of Cased borehole (installed by others) estimated at \$10,530.00

Estimated total \$36,846.91 *****

GeoSonics, Inc. will not be responsible for claims of damage not physically caused by GeoSonics, Inc. GeoSonics, Inc. provides data only and results may be compared to limits if provided by the Client. GeoSonics, Inc. is not responsible to stop or control any work based upon the record values made by the units. At least one representative from the client or their representative will need to be on the alert list to make a determination of this type. Changes in the scope of work may alter the estimated price.