

**INVITATION FOR BIDS (IFB)
NFWF Katrina Key Artificial Reef and Habitat Enhancement
IFB RFx# 3160007171**

**Amendment # 2
Questions and Answers**

	Section	Page	Question	MDMR Response
1.	6 Scope	3	Please provide wall thickness of fiberglass piles.	<p>The piles shall be approximately 0.375 inch wall thickness. The composition of the fiberglass may differ between manufacturers. The 12 inch diameter fiberglass pilings must meet or exceed the following criteria.</p> <ol style="list-style-type: none"> 1. Axial Tensile Strength — psi >61,400 2. Axial Tensile Modulus (MOE) — psi > 4,586,000psi 3. Axial Flexural Strength — psi > 67,000 4. Axial Compressive Strength — psi > 54,000 5. Transverse Tensile Strength — psi >24,000 6. Transverse Tensile Modulus — psi >2,690,000 7. Interlaminar Shear Strength — psi > 12,000 8. Effective Bending Stiffness — psi > 1.04E+9 9. Allowable Bending Moment — kips-ft (FS = 2) >78 10. Barcol Hardness — > 50 11. Glass to Resin Ration — by weight approx. 60:40 12. Approx. Weight — lbs/ft 10 13. Thermal Expansion — in/in/°F <0.000006 14. Water Absorption — % <0.25 15. Reinforcement — (g/m²) 8250 <p>The discs shall have a retaining collar at or not more than 2 feet above the sediment interface and at the top of the highest disc to prevent float off.</p>
2.	6 Scope	3	It states piles must be jetted into the sea bed. We are requesting that these pile can be vibrated in.	It is acceptable for the piles to be vibrated into the seabed rather than jetted.

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3.	Att. A	11	Are there any other prints/drawings to look at?	No.
<p>MDMR Solicitation Amendments</p> <p>MDMR has amended language and/or requirements in the IFB. Any language and/or requirements that are not addressed in this Amendment remain as written in the IFB. If conflicting language exists in the IFB, the Amendment controls.</p>				
4.	Att. C- Bid Form	15	Amended language	MDMR has revised Attachment C and labeled it as Amended Attachment C . Please use this version for bid submission. Bids that do not include the Amended Attachment C may be rejected as nonresponsive.
5.	8. Min. Requirements	3.	Amended language	<p>The minimum qualifications for bidding include:</p> <ul style="list-style-type: none"> • Bidders drawings/schematics must be submitted with the bid package for review and approval. Drawings/schematics that do not meet these minimum requirements will not be considered for award. The winning All bidders must submit, along with their bid, a statement that demonstrates a proven record of long-term durability and efficacy of their reef design as stable fish habitat. • <u>EXPERIENCE</u>: Bidders must have a minimum of five (5) years involvement in marine construction projects including at least two (2) successfully completed artificial reef projects incorporating prefabricated reef modules specifically designed and built for use as artificial reefs.

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				<ul style="list-style-type: none"> • REFERENCES: Bidders must provide a minimum of three (3) professional references, two of which must be a client from previous artificial reef projects. List name, location, description, and year of previous artificial reef projects. familiar with the vendor's abilities described in this IFB. See AMENDED Attachment B. Bids that do not include Amended Attachment B may be rejected as nonresponsive.
6.	6. Scope	3.	Amended language	<p>“The reef modules must be Marine Line Form Habitat Patent Holder No. 7,827,937 or approved equal. Bidder must provide written proof of permission to use any design, device, materials, or processes covered by letters of patent or copyright. The reefs will be four to five stacked concrete discs approximately 4.5 feet in diameter, embedded with limestone permanently mounted on 53 feet to 55 feet of hollow fiberglass pilings that are 12 inches in diameter. Pilings used to anchor the modules must be jetted or vibrated into the seabed a minimum of 40 feet. The discs shall have a retaining collar/clamp at or not more than two feet above the sediment interface to prevent subsidence and at the top of the highest disc to prevent float off.</p>
7.	6. Scope	3.	Clarification: The reef modules must be Marine Line Form Habitat Patent Holder No. 7,827,937 or approved equal.	<p>Some examples of design characteristics that ARE NOT likely to be approved for use include, but are not limited to:</p> <ul style="list-style-type: none"> • Designs that cannot be anchored to the sea floor using a fiberglass pile system. These designs are likely to settle and subside into the soft sediments. • Designs or concepts that are intended for use on a hard, sandy foundation. • Designs that have been shown to subside during construction and over a longer period.

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8.	Attachment F	26	Amended language	Attachment F has been amended. Please use the Amended Attachment F attached hereto when submitting the bid package. <i>Bids that do not include the Amended Attachment F may be rejected as nonresponsive.</i>
9.	3. TIMELINE	2	Revised Dates	Bid Submission Deadline: March 14, 2025 10:00 AM CST Bid Opening: March 14, 2025 2:00 PM CST Anticipated Notice of Intent: March 18, 2025 Submission to PPRB: April 2, 2025 PPRB Board Meeting Date: May 7, 2025

Receipt of Amendment #2 Acknowledged:

Company: _____

By: _____

Printed Name: _____

Title: _____

AMENDED Attachment B-Bid Cover Form

The Mississippi Department of Marine Resources is accepting bids for the NFWF Katrina Key Artificial Reef and Habitat Enhancement.

Bids must be submitted by 10:00 a.m. CST on March 14, 2025.

Company Name: _____

Quoted by: _____

Signature: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Email Address: _____

Name, title and phone number of company representative to be contacted by MDMR:

Alternate representative name, email, and phone number:

In addition to providing the above contact information, please answer the following questions regarding your company:

What year was your company started?

Please provide the physical location and mailing address of your company's home office, principal place of business, and place of incorporation.

Is your company currently for sale or involved in any transaction to expand or to become acquired by another business entity? If yes, please discuss the impact both in organizational and directional terms.

Professional References

Bidders must have a minimum of five (5) years involvement in marine construction projects including at least two (2) successfully completed artificial reef projects incorporating prefabricated reef modules specifically designed and built for use as artificial reefs.

Please list **at least** three (3) professional references, **two of which must be a client from previous artificial reef projects**, familiar with the vendor's abilities described in this IFB. Bidder must have provided services within the past ten (10) years. Please provide current contact information as Agency must be able to contact these references. *Bids may be rejected as non-responsive if reference checks cannot be completed within 48 hours of initial contact.* **You may use additional sheets as necessary.**

Professional Reference:

Customer Name and Title: _____

Dates of Service: _____

Telephone: _____

Email: _____

Project Location: _____

Brief Description of work (including whether it was an artificial reef project):

Alternative Contact information:

Name: _____

Telephone: _____

Email: _____

Professional Reference:

Customer Name and Title: _____

Dates of Service: _____

Telephone: _____

Email: _____

Project Location: _____

Brief Description of work (including whether it was an artificial reef project):

Alternative Contact information:

Name: _____

Telephone: _____

Email: _____

Professional Reference:

Customer Name and Title: _____

Dates of Service: _____

Telephone: _____

Email: _____

Project Location: _____

Brief Description of work (including whether it was an artificial reef project):

Alternative Contact information:

Name: _____

Telephone: _____

Email: _____

AMENDED Attachment C
Bid Form

Company Name: _____

Please bid the all-inclusive price as specified in the Scope of Services.

The prices quoted shall be inclusive of, but not limited to the following: all required labor; all required equipment/material; all required insurance, bond, or other surety; all required overhead; all required profit; all required vehicles; all required fuel and mileage; all required labor and supervision; all required training; all required business and professional licenses, certifications, fees, or permits; and, any and all other costs. All pricing should include all associated costs with no additional or hidden fees.

Pricing will remain the same throughout the life of the contract.

Price \$ _____

By signing below, you certify that you have authority to bind the company, and further acknowledge and certify on behalf of the company:

- That you thoroughly read and understand the Invitation for Bids and its attachments.
- That you meet all requirements and acknowledge all the certifications contained in the IFB.
- That you agree to all provisions of the IFB, including the contract clauses in Attachment D.
- That you will deliver the goods and perform the services required at the price quoted above.
- That, to the best of your knowledge and belief, the cost or pricing data submitted is accurate, complete, and current as of the submission date.
- **Non-Debarment:** By submitting a bid, you are certifying that you are not currently debarred from bidding by the State, any political subdivision of the State (towns, cities, counties, agencies, etc.), any other state, or the federal government. You also certify that you are not submitting a bid as an agent of someone so debarred.
- **Certification of Independent Price Determination:** By submitting a bid, the bidder certifies that the prices submitted in response to the solicitation have been arrived at independently and without any consultation, communication, or agreement with any other bidder or competitor for the purpose of restricting competition.
- **Bidder's Representation Regarding Contingent Fees:** By responding to the solicitation, the bidder represents that it has not retained any person or agency on a percentage, commission, or other contingent arrangement to secure this contract. If the bidder cannot make such a representation, a full and complete explanation shall be submitted in writing with the bidder's response, to the Agency prior to contract execution.

- **Bidder's Representation Regarding Gratuities:** By responding to the solicitation, the bidder represents that it has not retained any person or agency on a percentage, commission, or other contingent arrangement to secure this contract. If the bidder cannot make such a representation, a full and complete explanation shall be submitted in writing with the bidder's response, to the Agency prior to contract execution.
- **NFWF Requirements:** You certify that you do not have any conflicts of interest with respect to NFWF, the MDMR, or the project.
- **Release of Bid as a Public Record:** Bidders shall acknowledge which of the following statements is applicable regarding release of its bid documents as a public record. A bid may be deemed non-responsive if the bidder does not acknowledge either statement, acknowledges both statements, or fails to comply with the requirements of the statement acknowledged. Choose one:

___ Along with a complete copy of its Bid, Bidder has submitted a second copy of the Bid documents in which all information bidder deems to be confidential commercial and financial information and/or trade secrets is redacted in black. Bidder acknowledges that it may be subject to exclusion pursuant to Chapter 15 of the PPRB OPSCR Rules and Regulations if **it is determined that the** redactions were made in **an effort** to prohibit public access to portions of the Proposal which are not subject to Mississippi Code Annotated §§ 25-61-9, 75-26-1 through 75-26-19, and/or 79-23-1. Bidder **further** acknowledges and agrees that **the agency** may release the redacted copy of the bid document at any time as a public record without further notice to Bidder. A Bidder who selects this option but fails to submit a redacted copy of its Bid may be deemed non-responsive. **If an unredacted copy of the bid package is requested, the agency will proceed according to the statutes referenced herein.**

___ **Bidder hereby certifies that the enclosed unredacted bid contains no information Bidder deems to be confidential commercial and financial information and/or trade secrets in accordance with Mississippi Code Annotated §§ 25-61-9, 75-26-1 through 75-26-19, and/or 79-23-1. Therefore, Bidder explicitly waives any right to receive notice of a request to inspect, examine, copy, or reproduce its Bid as provided in Mississippi Code Annotated § 25-61-9(1)(a). A Bidder who selects this option but submits a redacted copy of its Bid may be deemed non-responsive.**

Bidder acknowledges that its redacted bid (if provided) or unredacted bid submitted as acknowledged above, will be posted on the Agency's website as a part of the Agency Procurement File along with the Notice of Intent to Award, without notice to the Bidder and will be produced as a public record exactly as submitted.

- **Acknowledgment of Amendments:** Bidders shall acknowledge receipt of any amendment to the IFB in writing. The acknowledgement shall be submitted with your bid package. Each

bidder shall submit a written acknowledgement of every amendment to the MDMR on or before the submission deadline.

Please list the amendments acknowledged by the amendment number and date:

Company Name: _____

Printed Name of Representative: _____

Signature

Date

Note: *Failure to sign the Bid form may result in the Bid being rejected as non-responsive. Modifications or additions to any portion of this Bid document may be cause for rejection.*

AMENDED Attachment F-Bidder's Checklist

Drawings/schematics of reef module and proof of record of reef design: <input type="checkbox"/> Drawings of reef module <input type="checkbox"/> A statement that demonstrates a proven record of long-term durability and efficacy of reef design as a stable fish habitat. <input type="checkbox"/> Proof of permission to use patented designs.	
Three (3) Professional References (2 of which must be for artificial reef projects).	
Registered with MAGIC.	
Amendments to IFB acknowledged, if any.	
Amended Attachment B, Amended Attachment C and Amended Attachment F completed and signed.	

Printed Name: _____

Signature: _____

Date: _____