



November 1, 2023

Susan Goldberg
Deputy Director
Hollywood Community Redevelopment Agency
1948 Harrison Street
Hollywood, FL 33020

Re: Hollywood Nearshore Mermaid Reef
Construction Support Services
Project Proposal

Dear Ms. Goldberg:

Applied Technology & Management (ATM) is pleased to provide this proposal to the City of Hollywood, Community Redevelopment Agency (CRA) to provide Owners Representative and Consulting support for the deployment of up to four nearshore reefs. ATM previously supported the permitting of four nearshore reef locations in the vicinity of Hollywood. Under this proposal ATM will serve as the City's representative to provide reasonable assurance that the modules are in conformance with requirements prior to deployment and are deployed as per the permit conditions.

Specific Tasks proposed are as follows:

Task 1: Module Design and Materials Review

ATM will serve as the Owner's Representative on behalf of the Hollywood CRA in providing reasonable assurance that the modules are in compliance with the design and construction conditions delineated within the project permits. This will include visual inspection of the modules prior to deployment. No additional materials testing is proposed and the effort will be limited to visual observations. Inspection of the modules will be coordinated with CRA representatives to ensure concurrence with module requirements and aesthetics prior to deployment.

Task 1 Deliverable: ATM will prepare a memorandum documenting the condition of the modules and provide opinion regarding conformance with the required permit conditions.

Task 2: Construction Oversight and Administration

ATM will serve as the owner's representative in the oversight and administration of module deployment and reef construction. This will include site observations and site photo documentation prior to and following module deployment, observation of reef deployment operations and permit required project certification. ATM will review invoices provided by the construction contractor and provide recommendations for payment based on invoice review.

Task 2 Deliverable: ATM will prepare site observation reports to document project progress, prepare project certification documents and provide the CRA with reviews and recommendations for payment for each contractor invoice.

Task 3: Meetings and Project Coordination

It is anticipated that meetings and coordination will be required with various entities including the CRA, Broward County, FDEP and USACE to advance project approval and construction tasks. ATM will support these efforts on an as needed basis as required to advance the project in coordination with CRA staff.

Task 3 Deliverable: ATM will prepare meeting summaries, memoranda, presentations etc. as required to support this task.

Task 4: Annual Monitoring

ATM will conduct monitoring on an annual basis as required by the permit conditions for a period of 5 years. This will include visual inspection and photographic documentation of condition. The effort will include removal of any fishing gear or debris accumulation in association with the annual monitoring field effort. This effort will be conducted in conjunction with the annual monitoring of the offshore mermaid reef area which has been authorized under separate authorization.

Task 4 Deliverable: ATM will prepare a brief letter report for each monitoring event documenting the condition of the modules and will confirm that the modules have been cleaned in compliance with permit conditions.

Task 5: Regulatory Permitting – Additional Sites

ATM will submit FDEP and USACE permit applications for up to two additional nearshore reef sites. It is assumed that CRA staff will provide the general locations of the new sites. ATM will respond to up to two Requests for Additional Information (RAI) for both the FDEP and USACE reviews.

Task 5 Deliverable: ATM will provide relevant documentation including permit drawings, support documents and the initial permit applications. ATM will provide responses to RAI's where appropriate.

Task 6: Coral Out Planting Regulatory Support

ATM will provide regulatory support to plans for out planting of corals on the reefs on an as needed basis. This will require coordination with the construction contractor.

Task 6 Deliverable: ATM will provide relevant documentation in support of the effort which may include formal regulatory submittals.

Task 7: Buoy Evaluation and Support

ATM will provide technical and regulatory support to consideration for the implementation of buoys or floating systems to support project safety on an as needed basis. This may include submissions of modification requests to existing permits to accommodate such systems if warranted.

Task 7 Deliverable: ATM will provide relevant documentation in support of the effort which may include formal regulatory submittals.

Compensation

ATM will conduct this effort on a Time and Materials (Hourly) Not to Exceed Basis consistent with the existing Master Services Agreement with the CRA for a total Not to Exceed amount of \$82,500 as delineated in Table 1.

Schedule

Supporting effort will be provided on an as needed basis dependent on the module delivery schedule. A deployment in the Spring of 2024 is anticipated following completion of the anticipated USACE Sector 3 Beach Nourishment Project in 2023-24.

Table 1
Not to Exceed Budget by Task

Task	Description	Budget (Not to Exceed)
1	Module Design and Materials Review	\$10,000
2	Construction Oversight and Administration	\$15,000
3	Meetings and Coordination	\$10,000
4	Annual Monitoring (5 Events)	\$12,500
5	Regulatory Permitting - Additional Sites	\$25,000
6	Coral Out planting Regulatory Support	\$5,000
7	Buoy Evaluation and Support	\$5,000
TOTAL		\$82,500

Thank you for the opportunity to provide this proposal. Please feel free to contact me directly if you should have any questions or require additional information.

Sincerely,

Applied Technology & Management, a Geosyntec Company

A handwritten signature in dark ink, appearing to read 'M. Jenkins', with a stylized, cursive script.

Michael G. Jenkins, Ph.D., P.E.
Senior Principal

APPROVED and ACCEPTED this _____ day of _____, 2023.

By _____

Name: _____
(Please type name and title)