

File No. 201065

Committee Item No. 8

Board Item No. 38

COMMITTEE/BOARD OF SUPERVISORS

AGENDA PACKET CONTENTS LIST

Committee: Budget & Finance Committee

Date September 30, 2020

Board of Supervisors Meeting

Date October 6, 2020

Cmte Board

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| <input type="checkbox"/> | <input type="checkbox"/> | Motion |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Resolution |
| <input type="checkbox"/> | <input type="checkbox"/> | Ordinance |
| <input type="checkbox"/> | <input type="checkbox"/> | Legislative Digest |
| <input type="checkbox"/> | <input type="checkbox"/> | Budget and Legislative Analyst Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Youth Commission Report |
| <input type="checkbox"/> | <input type="checkbox"/> | Introduction Form |
| <input type="checkbox"/> | <input type="checkbox"/> | Department/Agency Cover Letter and/or Report |
| <input type="checkbox"/> | <input type="checkbox"/> | MOU |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Grant Information Form |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Grant Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Subcontract Budget |
| <input type="checkbox"/> | <input type="checkbox"/> | Contract/Agreement |
| <input type="checkbox"/> | <input type="checkbox"/> | Form 126 – Ethics Commission |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Award Letter |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Application |
| <input type="checkbox"/> | <input type="checkbox"/> | Public Correspondence |

OTHER (Use back side if additional space is needed)

- | | | |
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| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Authority Certification of Adoption of Resolutions</u> |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Port Commission Resolution No. 20-42</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <u>Department Presentation</u> |
| <input type="checkbox"/> | <input type="checkbox"/> | _____ |
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Completed by: Linda Wong

Date September 25, 2020

Completed by: Linda Wong

Date October 1, 2020

1 [Accept and Expend Grant - San Francisco Bay Restoration Authority - Heron's Head Park
2 Shoreline Resilience Project Phase I - \$297,000]

3 **Resolution authorizing the Port of San Francisco to accept and expend a grant in the**
4 **amount of \$297,000 from the San Francisco Bay Restoration Authority to fund Phase I**
5 **of the Heron's Head Park Shoreline Resilience Project from October 2020, through**
6 **December 2027.**

7
8 WHEREAS, The Port manages the San Francisco waterfront within its jurisdictional
9 boundaries as the gateway to a world-class city, and advances environmentally and financially
10 sustainable maritime, recreational and economic opportunities to serve the City, Bay Area,
11 and California; and

12 WHEREAS, The Port delivers vibrant and diverse waterfront experiences that enrich
13 the City and San Francisco Bay Area; and

14 WHEREAS, Heron's Head Park is a 22-acre open space and thriving wildlife habitat
15 located on Port property in the City's Southeast Sector; and

16 WHEREAS, Since its creation over 20 years ago the park has evolved, with the
17 addition of the EcoCenter in 2010 and additional expansion and improvements of the park in
18 2012; and

19 WHEREAS, Heron's Head Park has also experienced significant erosion and invasion
20 by non-native plants, resulting in decreased size and ecological value of the tidal wetland; and

21 WHEREAS, The Port has developed the Heron's Head Park Shoreline Resilience
22 Project to construct a living shoreline and restore wetland habitat in order to mitigate negative
23 impacts to the tidal wetland; and

24 WHEREAS, The San Francisco Bay Restoration Authority Act, Government Code, §§
25 66700-66706, establishes the San Francisco Bay Restoration Authority ("Authority") as a

1 regional entity to generate and allocate resources for the protection and enhancement of tidal
2 wetlands and other wildlife habitat in San Francisco Bay and along its shoreline, and
3 authorizes the Authority to award grants to public and private entities to achieve these
4 purposes; and

5 WHEREAS, The Authority awards grants for eligible projects consistent with
6 Government Code, § 66704.5, the Authority’s Grant Program Guidelines (first adopted in May
7 2017), and the Authority’s San Francisco Bay Clean Water, Pollution Prevention and Habitat
8 Restoration Measure (“Measure AA”), passed by the voters in June 2016; and

9 WHEREAS, On November 18, 2018, the Port submitted an application for grant funds
10 to the Authority to construct a living shoreline and restore tidal wetland habitat at Heron’s
11 Head Park, including employment of youth representing the neighboring community in
12 southeast San Francisco (“Project”); and

13 WHEREAS, At its July 17, 2020, meeting, the Authority adopted a resolution
14 authorizing a grant to the Port in the amount of \$297,000 (“Grant Agreement”) for the Heron’s
15 Head Park Shoreline Resilience project: Phase I; the Authority’s resolution was adopted by
16 the Authority pursuant to, and is included in, the Authority’s July 17, 2020 staff
17 recommendation, a copy of which is on file with the Port of San Francisco, the Authority, and
18 the Clerk of the Board of Supervisors; and

19 WHEREAS, Port intends to enter into a contract with Literacy for Environmental Justice
20 (LEJ) to implement the Project using the grant monies; and

21 WHEREAS, LEJ is a City of San Francisco-certified non-profit local business enterprise
22 dedicated to addressing the ecological and health concerns of the communities of southeast
23 San Francisco; among other activities, LEJ trains youth for rewarding green careers and
24 engages community volunteers to care for their open spaces; and its native plant nursery,
25

1 located in Hunters Point, specializes in growing locally adapted native species for shoreline
2 habitats; and

3 WHEREAS, LEJ was the only respondent to Port's July 2020 Request for Information
4 able to provide all of the components of the scope of work for the grant-funded project; and

5 WHEREAS, LEJ is uniquely qualified to the scope of work for the grant funds; and

6 WHEREAS, On August 25,2020, the Office of Contract Administration approved a sole
7 source contract with LEJ to implement the Project; and

8 WHEREAS, On August 25, 2020, the San Francisco Port Commission through
9 Resolution No. 20-42 authorized the Port Executive Director or her designee to execute a 28-
10 month sole contract with LEJ for an amount not to exceed \$297,000 pending Board of
11 Supervisors' approval of the Grant Agreement; and

12 WHEREAS, The Port of San Francisco proposes to maximize the use of grant funds on
13 the program expenditures by not including indirect costs in the grant budget; and

14 WHEREAS, The Port of San Francisco will not provide matching funds for Phase I of
15 the Heron's Head Park Shoreline Resilience Project; now, therefore, be it

16 RESOLVED, That the Board of Supervisors authorizes the Port Executive Director to
17 accept and expend a grant in the amount of \$297,000 from the San Francisco Bay
18 Restoration Authority to fund Phase I of the Heron's Head Park Shoreline Resilience Project;
19 and, be it

20 FURTHER RESOLVED, That the Board of Supervisors authorizes the Port Executive
21 Director or her designee to conduct all negotiations, and execute and submit all documents,
22 including but not limited to applications, agreements, amendments, and payment requests,
23 that may be necessary for completion of the Project and fulfillment of the grant terms that the
24 Port Executive Director determines, in consultation with the City Attorney, are in the best
25 interests of the City and do not materially increase the obligations or liabilities of the City, are

****Disability Access Checklist***(Department must forward a copy of all completed Grant Information Forms to the Mayor's Office of Disability)**

13. This Grant is intended for activities at (check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Existing Site(s) | <input type="checkbox"/> Existing Structure(s) | <input type="checkbox"/> Existing Program(s) or Service(s) |
| <input type="checkbox"/> Rehabilitated Site(s) | <input type="checkbox"/> Rehabilitated Structure(s) | <input type="checkbox"/> New Program(s) or Service(s) |
| <input type="checkbox"/> New Site(s) | <input type="checkbox"/> New Structure(s) | |

14. The Departmental ADA Coordinator or the Mayor's Office on Disability have reviewed the proposal and concluded that the project as proposed will be in compliance with the Americans with Disabilities Act and all other Federal, State and local disability rights laws and regulations and will allow the full inclusion of persons with disabilities. These requirements include, but are not limited to:

1. Having staff trained in how to provide reasonable modifications in policies, practices and procedures;
2. Having auxiliary aids and services available in a timely manner in order to ensure communication access;
3. Ensuring that any service areas and related facilities open to the public are architecturally accessible and have been inspected and approved by the DPW Access Compliance Officer or the Mayor's Office on Disability Compliance Officers.

If such access would be technically infeasible, this is described in the comments section below:

Comments:

Departmental ADA Coordinator or Mayor's Office of Disability Reviewer:

Wendy Proctor

(Name)

Senior Architect & ADA Coordinator

(Title)

Date Reviewed: 9/10/2020

W. Proctor

(Signature Required)

Department Head or Designee Approval of Grant Information Form:

Elaine Forbes

(Name)

Executive Director Port of San Francisco

(Title)

Date Reviewed: 9/16/2020

DocuSigned by:
Elaine Forbes

(Signature Required)
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**SAN FRANCISCO BAY RESTORATION AUTHORITY MEASURE AA
GRANT APPLICATION – COVER PAGE**



Port of San Francisco – Heron’s Head Park Shoreline Resilience Project

CONTACT INFORMATION

Organization	Port of San Francisco		
Contact Persons (Primary/Alternate)	Carol Bach, Environmental Affairs Manager Diane Oshima, Planning & Environment Director	Email	Carol.bach@sfport.com Diane.Oshima@sfport.com
Phone	direct: 415.274.0568 (main: 415.274.0400)	Fax	415.274.0453
Address	Port of San Francisco, Pier 1-The Embarcadero, San Francisco, CA 94111		
Partner Entities	Literacy for Environmental Justice (LEJ), San Francisco State University - Estuary & Ocean Science Center (EOS Center)		

PROJECT INFORMATION

Project Name	Heron’s Head Park Shoreline Resilience		
Summary	The Port proposes to plan, permit, and construct a living shoreline at Heron’s Head Park to control erosion, protect wetland habitat and upland public access, improve ecological function and biodiversity, and enable adaptation to sea level rise. The project will include planting, monitoring and stewardship.		
Total Project Cost (rounded to nearest \$100)	\$4,254,200	Amount Requested	\$3,456,600
Other Funding Sources (Amount, rounded to nearest \$100)	\$797,600	Other Funding Sources	Port of San Francisco Capital Budget & Partner donation
Start Date	September 2019	End Date	December 2023
Project Type	<input checked="" type="checkbox"/> Habitat <input checked="" type="checkbox"/> Flood/Habitat <input checked="" type="checkbox"/> Public Access/Habitat		
Project Phase (check all that apply)	<input type="checkbox"/> Acquisition <input checked="" type="checkbox"/> Planning <input type="checkbox"/> Operations <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> Permitting <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> Design <input checked="" type="checkbox"/> Monitoring <input checked="" type="checkbox"/> Construction/Implementation		
CEQA	What are the CEQA requirements for your project? <input type="checkbox"/> Not a project under CEQA <input checked="" type="checkbox"/> Exempt from CEQA (statutorily or categorically) <input type="checkbox"/> ND <input type="checkbox"/> MND <input type="checkbox"/> EIR If required, has the CEQA document been approved and filed?		

	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, date filed; If no, expected filing month/year: Cat Ex Application submitted 11/9/18				
Acres (habitat acreage to be restored, or land to be acquired)	2.65	Trail length (miles)	NA	APNs (Acquisition Only)	NA
Shoreline length (miles)				1,600 ft.	

LOCATION INFORMATION

SFBRA REGION	<input type="checkbox"/> North (Sonoma, Marin, Napa, Solano)		<input type="checkbox"/> East (Alameda, Contra Costa)	
	<input checked="" type="checkbox"/> West (San Francisco, San Mateo)		<input type="checkbox"/> South (Santa Clara)	
County	San Francisco	Specific Location	Heron's' Head Park, Foot of Cargo Way at Jennings St.	
Latitude Format: 33.3333	37.7373	Longitude Format:-111.1111	122.3725	
What point is represented by the lat/longs (eg., parking lot, center of site, etc):	Center of the Site			

ELECTED OFFICIALS

Districts	Number(s)	Name(s)
State Senate	11	Scott Wiener
State Assembly	17	David Chiu
Congressional	12	Representative Nancy Pelosi Senator Diane Feinstein Senator Kamala Harris

I. GRANT APPLICATION – PROJECT DESCRIPTION

I.1. Project Eligibility.

The Port of San Francisco (Port), an enterprise agency of the City and County of San Francisco, owns 7.5 miles of the San Francisco Bay shoreline from Aquatic Park to India Basin. The Port is charged with managing the waterfront consistent with the public trust, including providing public access, recreation, protection of natural resources, and economic opportunity for the city, the region, and the state.

I.2. Need for the Project.

The Port's Heron's Head Park provides recreation, education and volunteer opportunities, and habitat for native plants and wildlife, including two endangered species: Ridgeway's rail and California seablite. Although small, Heron's Head Park provides valuable habitat in an otherwise urban environment. Due to its size and location, it is uniquely well-suited to offer public access to natural shoreline habitat that many Bay Area residents might not otherwise reach. A significant part of Heron's Head Park's value to habitat conservation is the opportunity for public education and engagement with the type of shoreline that once encircled San Francisco Bay that it provides.

In the 20 years since the wetlands and park were created, the shoreline at Heron's Head Park has experienced subsidence of the fill soils, erosion from wind-waves and tidal flows, and a low supply of suspended sediment. These forces have caused a loss of both habitat acreage and ecological function. In the most impacted area, the shoreline has retreated up to 50 feet from its 1998 location, and one of the tidal ponds is consistently flooded rather than tidally flushed. Current rates of erosion in combination with sea level rise are encroaching on tidal wetlands, and may eventually threaten the segment of Bay Trail located in the upland portion of the park. Without protection from erosion and capacity to adapt to sea level rise the wetlands are expected to lose an estimated additional 80,000 sq. ft. over the next 30 years. The Port proposes to construct a living shoreline that will enhance and preserve the physical, biological, and community benefit functions at Heron's Head Park.

I.3. Goals and Objectives.

The proposed Heron's Head Park Shoreline Resilience Project ("Project") is designed to achieve the following objectives:

1. Stabilize the southern shoreline and protect it from continued erosion and subsidence.
2. Enhance biodiversity and ecological function.
3. Create a resilient shoreline that can adapt to a moderate amount of sea level rise through 2050.

The Project will restore the originally designed areal extent and type of habitat. It will provide new habitat in the form of sand/gravel beach, new and revegetated areas within the wetlands to reinforce shoreline and pond edges, and constructed oyster reefs. The sand/gravel shoreline will be dynamic, enabling wetlands to migrate with rising sea level so that some wetland habitat and key public access features remain through mid-century. With the proposed monitoring and stewardship, including ongoing removal of non-native species and replanting with locally-adapted native wetland/transition zone plants, the Project will combat a significant infestation by invasive Algerian sea lavender, and provide employment opportunities for local residents as well as opportunities for volunteers and visitors from throughout the San Francisco Bay Area to connect with this unique wetland.

I.4. Applicant and Project History.

The 21 acres of land that comprise Heron's Head Park originated as bay fill placed in the 1970s. The originally authorized construction was never completed. In 1998, the Port constructed Heron's Head Park to create wetland habitat and public access amenities. The Port has extensive experience delivering capital improvement projects, including many shoreline stabilization projects. The Port has demonstrated its commitment to enhancing bay and shoreline habitat, and supports wetland restoration through ongoing stewardship at Heron's Head Park and Pier 94 Wetlands. The Port currently partners with non-profit organizations and other city agencies to provide environmental education programs at Heron's Head Park. It also offers workforce development opportunities in maintaining Port land and facilities. With expertise in coastal engineering and construction, and its history of engaging the public in its shoreline parks and open spaces, the Port is very well-poised to successfully complete the proposed Project.

The Port proposes to partner with the following organizations to deliver the Project:

Port of San Francisco Youth Employment Program (YEP). Every four years the Port solicits proposals from and contracts with one or more local organizations that provide youth employment program services to economically disadvantaged and at-risk San Francisco youth ages 16 through 24. Under contract to the Port, these organizations offer employment, job readiness training, and maintenance skills to San Francisco youth. The San Francisco Conservation Corps (SFCC) and Hunters Point Family, a community-based organization that serves at-risk youth and young adults living in Bayview Hunters Point, were awarded contracts in April of 2015. The Port's current contract expires in May 2019.

The Port's selection of YEP partners is subject to City of San Francisco contracting procedures, including awarding contracts through a competitive, transparent process. The Port will be initiating its next YEP contracting process in Spring 2019 and will include the planting and habitat stewardship work proposed for the Project in the scope of work to be performed by YEP workers. For the proposed Project, the Port will hire YEP crews, typically five youth with one supervisor per crew, to plant and maintain plantings.

Literacy for Environmental Justice (LEJ). LEJ is an environmental education and youth empowerment organization created specifically to address the ecological and health concerns of Bayview Hunters Point and the surrounding communities of southeast San Francisco. Its mission is to connect people to urban open spaces to restore ecology, improve environmental health, and strengthen communities. LEJ operates a native plant nursery located in Hunters Point that specializes in growing locally-adapted native species for shoreline and coastal upland habitats. For the proposed Project, the Port proposes to purchase the wetland and transition zone plants, many of which will be grown from locally-collected seeds and including California sea-blite (*Suaeda californica*), from LEJ. The Port will also hire staff from LEJ's "Eco-Apprentice Program", which serves transitional-age youth (18-26) from Bayview Hunters Point, to train and work alongside the YEP members to plant and maintenance plantings.

San Francisco State University Estuary & Ocean Science Center (EOS Center). The EOS Center is located at the Romberg Tiburon campus of San Francisco State University. Faculty from the EOS Center and affiliated scientists have served on a technical advisory committee guiding the planning and design of the Project to date. With funding to implement the Project, the technical advisory team will be retained to continue providing expert guidance during construction, monitoring, and future adaptive management measures.

I.5. Project Description.

The Project consists of planning, design, permitting, and construction of a living shoreline at Heron’s Head Park. It includes post-construction monitoring of physical outcomes and key habitat indicators for at least five years after construction. The Port’s proposal includes funding to support five years of active habitat stewardship: planting during initial construction followed by ongoing seasonal planting and removal of invasive species. After planting the newly constructed shoreline and reinforcing existing pond sills with vegetation, ongoing stewardship will focus on removing and replacing invasive Algerian sea lavender (*Limonium ramossissium*) in severely impacted areas along the high marsh/transition zone.

I.6. Site Description.

Heron’s Head Park, is an approximately 21-acre peninsula, comprised of seven acres of jurisdictional wetlands and tidal ponds, and 14 acres of public open space. The site is owned and managed by the Port of San Francisco, and located at the southern end of the Port’s jurisdiction in the Bayview Hunters Point neighborhood. The Port’s 1998 wetland creation/enhancement project at the site was designed to provide a variety of habitat types, including high intertidal transition zone, tidal salt marsh, refugial islands, and tidal ponds. Park improvements in the adjacent uplands include a 1/3-mile trail (a spur off the San Francisco Bay Trail), native plant landscaping, picnic areas, a fishing pier, bird blinds, and an environmental education center, The EcoCenter at Heron’s Head Park.

I.7. Specific Tasks.

#	Task Name	Description
1a	Planning	This task includes conceptual planning, site-specific studies (jurisdictional wetland delineation, biological assessment, topographic and bathymetric surveys) and alternatives analysis to determine preferred approach to shoreline stabilization. The Port initiated planning in October 2017 and completed the Alternatives Analysis, with recommendation of the proposed living shoreline approach, in September 2018.
1b	Engineering Design	The proposed project requires engineering from conceptual plan through construction documents. This task is underway, funded by Port Capital, and is currently at 30% engineering design. Construction documents are expected to be complete by May 2019.
1c	Permitting	Concurrent with engineering design, the Port will complete CEQA review and obtain permits to construct from the U.S. Army Corps of Engineers, Regional Water Quality Control Board, and Bay Conservation and Development Commission.
2	Shoreline Construction	Shoreline construction will include placement of the sand/gravel beach material, rock headlands and oyster reef elements. Depending on access route to the shoreline, construction may also include reinforcement of the existing trail to support construction equipment. The Project will include post-construction restoration of the trail and any habitat areas, public access facilities, or other site features impacted by construction.
3	Construction Management	A Port or City of San Francisco Construction Manager will oversee construction to ensure compliance with all engineering plans and specifications, permit requirements, administrative contract requirements and schedule. The Port’s standard contracting practices require funding for construction management at

		15% of the construction cost. The Port will also retain the existing design engineering team and technical advisory committee for pre-construction surveys, environmental monitoring, and other technical consultation during construction.
4	Revegetation	The Port will contract with LEJ (see Section 1.4 re. partners) to cultivate and install wetland and high marsh/transition zone plants on the shoreline and wetland areas most impacted by invasive species. To allow for cultivation of plants, installation at optimal season, and on-going monitoring and maintenance of plantings, revegetation will occur in phases over several years.
5	Monitoring	The Port anticipates that permits to construct the shoreline improvements will require monitoring key habitat indicators for at least 5 years after construction. Monitoring may include topographic surveys, quantitative habitat assessments (such as mapping vegetation extents, bird occupancy/usage surveys and oyster surveys), qualitative habitat assessments, and photo documentation.
6	Stewardship	The Port will contract with LEJ and another youth/workforce development organization (see Section 1.4 re. partners) to maintain plantings, including removing invasives and installing supplemental and replacement plants as needed, for a period of four years after initial installation
7	Contingency	A contingency is required to manage uncertainty about the impact of difficult access to the shoreline, special equipment that may be required, seasonal and tidal restrictions for environmental protection, other unanticipated conditions, and the bidding climate for construction work in San Francisco on project cost.

I.8. Work Products.

The primary work product will be the newly reinforced shoreline, which will immediately mitigate erosion and habitat loss. Other work products include post-construction as-built drawings, monitoring reports, and a final “lessons learned” report on Project design, construction, monitoring, and 5-year outcomes.

I.9. Measuring Success.

The Port will monitor the performance of the constructed beach and headlands, the dynamics of beach nourishment, the recovery of vegetation and other habitat features (e.g. tidal ponds) in areas formerly impacted by erosion, the ecological function of the oyster reef elements, and other parameters as specified by resource and regulatory agency permits, which typically require at least five years of monitoring. The success criteria and specific monitoring protocols will be specified by and/or developed in consultation with the agencies and the Project’s technical advisors. To evaluate performance of the Project with respect to its primary objects, the Port anticipates that success criteria will include, but will not be limited to, reduced erosion and loss of wetland area landward of the new shoreline, increased presence of the endangered California seablite, and colonization of the oyster reef elements by native oysters as part of a diverse assemblage of invertebrate species.

I.10. Barriers and Risks.

The Project faces construction challenges related to the sensitive environment and difficult access to the shoreline, both of which pose a potential to impact project cost and duration. Seasonal restrictions to protect aquatic species and nesting birds will limit the construction period to fall and winter, when wet

weather may prolong the construction period. Working with the design team that has extensive experience in wetland restoration and living shoreline creation, the Port is developing construction plans and specifications that will manage that risk by incorporating appropriate environmental protections while also allowing land and/or water access. This will enable contractors bidding on the construction to bring their experience and expertise to develop the most efficient construction approach.

Sea level rise poses a potential risk to the long term success of the Project. However, the proposed shoreline elevations and vegetation are designed to balance reinforcement of the shoreline to accommodate sea level rise and provide long term protection for habitat against the risk of over-building for current conditions and potentially impacting existing habitat.

Oyster drills, predatory marine snails that feed primarily on oysters and other bivalves, pose a risk to the success of the proposed oyster reef elements as habitat for native oysters. This risk will be addressed by conducting pre-construction assessment of oyster recruitment and presence of oyster drills, and developing materials specifications to minimize the risk of introducing oyster drills to the area.

I.11. Environmental Review. The proposed Project (select the appropriate answer(s)):

- Is exempt under CEQA. Environmental Evaluation Application for **Categorical Exemption Class 33 – Small Habitat Restoration** was submitted 11/9/18 and is currently under review by City Planning .
- Requires a Neg Dec, MND, or EIR. Specify which: _____
- Also please specify the CEQA lead agency (the agency preparing the document) and the (expected) date for adoption or certification: **Lead agency: City & County of San Francisco Planning Department** (City Planning).

Please note that the Authority will need to review and consider the adopted or certified CEQA document prior to authorizing a grant.

I.12. Public Access.

The project site includes an approximately 1/3-mile spur of the San Francisco Bay Trail. The Project is designed to mitigate the impact of sea level rise on public access areas of the park, including protection of the Bay Trail, through approximately 2050 (based on moderate sea level rise estimates).

I.13. Community Support, Involvement and Benefits.

Since Heron’s Head Park opened to the public after the wetlands restoration and park construction in 1998, it has become a well-loved resource for visitors from the surrounding community and throughout the Bay Area. Port partners, including the San Francisco Recreation & Parks Department (SF-RPD), LEJ, and the non-profit bay.org, have provided environmental education and volunteer programs in the park since inception (see [Section III.6 – Engage Youth and Young Adults](#)). Other organizations, such as Golden Gate Audubon and the Bayview YMCA, and schools, including the Wilderness Arts and Literacy Collaborative (an alternative high school), and City College of San Francisco, to name a few, lead their own education programs and excursions in Heron’s Head Park. Countless other groups and individuals enjoy walking and wildlife viewing at Heron’s Head Park.

In developing plans for the proposed Project, the Port has sought input from its Southern Waterfront Citizens’ Advisory Committee, Golden Gate Audubon’s Conservation Committee, and the EcoCenter

Advisory Committee. The Port has found enthusiastic support for the Project, some of which is evidenced in the letters of support accompanying this grant application.

The public benefits of the proposed Project are substantive and tangible to the surrounding community. The Port's community partners in this grant application are described in Section I.4 – Applicant and Project History. Through the Port's YEP contract and its partnership with LEJ, the Port will hire local residents to participate in construction, native plant cultivation and installation, and ongoing habitat stewardship. The Project will protect the wetland habitat and Bay Trail that draw many to Heron's Head Park, and enable the Port and its partners to continue environmental education and volunteer programs that encourage participants of all ages to get their hands dirty to restore coastal habitat.

I.14. Permitting and Mitigation.

The following permits will be required:

- US Army Corps of Engineers 404 Permit.
- Regional Water Quality Control Board 401 Certification.
- Bay Conservation and Development Commission (BCDC) permit (type to be determined).
- CEQA Review - currently underway.

The Port and its consultant team have extensive experience with resource and regulatory agency permitting, which will help manage permitting challenges. The Project team has presented the Project at an interagency meeting attended by Army Corps, Water Board, and BCDC staff in July 2018. Attendees expressed support for the Project based on the conceptual plan level of information that was available at the time. It was acknowledged in the discussion that although the Project does involve placement of fill, it would convert existing low-value rubble-covered shoreline to more ecologically valuable gravel beach, restore intertidal elevations to those approved by permits for the initial wetland creation, and ultimately result in the preservation of existing tidal wetlands that would otherwise be lost to erosion. The Port will continue to engage resource and regulatory agency staff to facilitate permitting and ensure that the Project incorporates agency input.

I.15. Acquisitions.

The project site is owned and managed by the Port; no acquisition is required.

II. GRANT APPLICATION – PRELIMINARY BUDGET AND SCHEDULE

In Kind Services: A Port tenant, Lehigh Hanson/ Hanson Aggregates is donating 12,000 cubic yards of mixed sand, gravel and shell material from its sand washing and sorting operation at Pier 92 to the Project, including transporting to and stockpiling material on adjacent Port property. The estimated commercial value of this material is \$80,000. It is expected to take approximately six months to accumulate the required quantity. All project management, including engineering review, budget and contract administration, financial reporting, and coordinating work by Project partners, will be performed by Port staff without cost to the Project. The exception is construction management, which will be performed by San Francisco Port or Department of Public Works staff, or qualified consultant.

Contingency Costs: A design contingency of 35% to account for variance from the current 30% engineering design to 100% design is included in the construction cost presented for Task 2 in the preliminary budget. Additionally, a 30% construction contingency is presented in Task 7 to allow for potential impact of difficult access, special equipment that may be required, seasonal and tidal restrictions on construction for environmental protection, other unanticipated conditions, Project Labor Agreements, and the bidding climate for construction work in San Francisco. See Section I.10 – Barriers and Risks.

Other Funds: The Port has allocated funds from its capital budget to the Project, including \$320,000 that is encumbered to a contract for planning, engineering design, and permitting. The proposed budget identifies \$717,565 of Port capital funds allocated to tasks to match SFBRA grant funds.

Operation and Maintenance: The shoreline stabilization components (sand/gravel beach, additional beach nourishment material, rock headlands) are designed to withstand hydrodynamic conditions and also adapt, pushed by waves and tides to higher elevation with sea level rise. Significant need for physical maintenance of the shoreline is not anticipated. The Port's grant application includes funding for maintenance of vegetated areas (pond sills and inland side of beach berm) and high marsh areas impacted by invasive species. With intensive management during the first four to five years after construction, ongoing management by Port staff, YEP workers, and volunteers can be more feasibly accomplished within the Port's existing budget for maintenance of its parks and open spaces.

Uncertainties: The key uncertainties that may significantly affect the cost or success of the Project, and the Project's approach to managing uncertainty are discussed in Contingency Costs (above) and Section I.10 – Barriers and Risks. Permitting requirements and timing pose a potential uncertainty as discussed in Section I.14 – Permitting. Ability to procure the oyster reef elements is uncertain. The Port is in contact with staff at the Coastal Conservancy and Presidio Trust, as well as restaurants and volunteers interested in or currently working on small-scale oyster shell recycling to learn from their experience with obtaining materials and fabricating the oyster reef elements. While this uncertainty poses a challenge, it also offers significant opportunity for community participation. Finally, the feasibility of controlling the population of invasive Algerian sea lavender at the Project site is somewhat uncertain. This infestation has been identified as a threat to the extent and diversity of native wetland and transition zone plants at Heron's Head Park, and a potential source of invasion of neighboring shorelines. The Port is working closely with the California Invasive Plant Council to coordinate efforts at Heron's Head Park with their regional effort to manage Algerian Sea Lavender. Funding to support the habitat stewardship portion of the Project, removing invasives by hand and replanting the disturbed area with appropriate natives, will significantly improve the likelihood of success.

III. GRANT APPLICATION - PRIORITIZATION CRITERIA

III.1. Greatest positive impact.

This Project will have immediate positive impact by creating a stable shoreline that will prevent ongoing loss of wetland area and protect a small but important habitat from erosion and flooding. The Project will protect habitat utilized by over 100 resident and migratory bird species, and beach habitat that supports the endangered California seablite. It will create new beach and reef habitat to be colonized by invertebrates, and enhance the existing mosaic of tidal wetland, tidal pond, and transition zone habitat.

The greatest positive impact may stem from the Project's location in a highly-urbanized area, where direct access to the bay is limited and armored shorelines predominate. Heron's Head Park offers visitors and residents in an increasingly densely-built community an opportunity to forge a personal connection with the wetland and shoreline habitats there. The shoreline and habitat improvements proposed for funding by the SFBRA will protect this unique asset and involve community members in hands-on restoration and stewardship to foster that personal connection.

III.2. Greatest long-term impact.

The Project will protect habitat and public access from flooding due to sea level rise for decades. The lessons learned about living shoreline design, construction, and performance over time will inform the developing science and practice of living shoreline implementation. The employees, visitors, and volunteers who participate in this project will be the conservation voters and advocates of the future.

III.3. Leveraging resources and partnerships.

The Port and its partners are contributing approximately 19% of the project cost in cash and construction materials. This does not consider the funds invested to date or staff time that has been and will continue to be dedicated to the Project. Port funds and partner contributions are secured, not relying on anticipated revenue or otherwise uncertain. However, without SFBRA funding, the Port will not be able to implement the most critical component of the project, shoreline stabilization, in a timely manner, which would subject the site to additional habitat loss.

III.4. Economically disadvantaged communities.

Heron's Head Park is located adjacent to the Bayview Hunters Point neighborhoods in the southeastern corner of the city. These majority-minority neighborhoods have been historically disenfranchised and have experienced under-investment. Block group level data indicates that the neighborhood surrounding Heron's Head Park is an Economically Disadvantaged Community, with average income less than 80% of Area Median Income. The area is identified by the Urban Displacement project as "At Risk of Gentrification and/or Displacement."

CalEnviroScreen mapping (which ranks census tracts in California based on potential exposures to pollutants, adverse environmental conditions, socioeconomic factors and prevalence of certain health conditions) identifies the census tracts adjacent to the park at 90-95% for tract 6075023103 and 85-90% for tract 6075023200. These very high percentiles indicate that this community is at the highest level of vulnerability due to environmental and socioeconomic factors and thus bears a disproportionate environmental and health burden.

III.5. Benefits to economy.

As part of its capital planning process, the Port estimates economic benefit that results from its implementation of capital improvement projects in accordance with accepted public finance practice. This calculation method estimates that the over \$1.9 million spent on the shoreline and oyster reef construction components of the Project (Task 2) would create approximately 16 jobs. Such direct result would be difficult to document because the calculation considers collateral economic activity as well as jobs working directly on the Project. Additionally, the Project is of short duration and some of the cost is related to difficult logistics and need for specialized marine construction equipment and methods rather than labor. However the Project is likely to generate significant short-term demand for trucking, which is a great opportunity for small and local business participation and includes contractors who do not have expensive construction equipment. The local workforce development opportunities are discussed in [Section 1.4 – Applicant and Project History](#); overall community benefit is discussed in [Section I.13. Community Support, Involvement and Benefits](#).

III.6. Engage youth and young adults.

Port partners in this grant application, LEJ and the non-profit organizations that work with the Port through its Youth Employment Program contracts, are dedicated to the development of and comprised primarily of youth and young adults from the Bayview Hunters Point community. Those partner organizations are described in [Section I.4 – Applicant and Project History](#). Through these partnerships, local youth and young adults will work directly on Project implementation.

Additionally, the Port partners with SF-RPD to provide free K-12 environmental education programs at Heron’s Head Park and employ the “Greenagers”, using Heron’s Head Park as their home base. The K-12 programs bring hundreds of school-age children to Heron’s Head Park each year. The Greenagers program is a youth leadership development program for teenagers who live or go to school in southeast San Francisco and are interested in environmental and community service. The program’s mission is to engage youth in improving the City’s green spaces through stewardship, creating place-based projects, and connecting youth to the great outdoors. The Greenagers and their followers collectively provide thousands of hours of volunteer stewardship at Heron’s Head Park each year. All of these paths to youth engagement will benefit from preservation of the natural area that make Heron’s Head Park the unique resource that it is.

III.7. Monitoring, maintenance, and stewardship.

The Project would include pre-construction surveys to gauge suitability for oyster recruitment, presence of oyster drills, and distribution of existing vegetation. This assessment will inform the implementation of the oyster reef, wetland and transition zone planting, and subsequent habitat stewardship (primarily removal of invasive species, planting natives in areas disturbed by removal, and replacement of plantings that do not thrive). Monitoring beach dynamics, survival and growth of installed vegetation, wildlife usage, and ecological function of the oyster reefs over a period of years will contribute to the growing body of knowledge about natural and ecologically valuable solutions to improve shoreline resilience. If monitoring beyond the 5-year duration presented in this proposal is warranted to maximize the value of the monitoring effort, the Port will fund and manage additional monitoring.

III.8. Coastal Conservancy's San Francisco Bay Area Conservancy Program.

The project is consistent with the San Francisco Bay Area Conservancy Program criteria because it:

- (1) is supported by adopted regional plans (*Baylands Ecosystem Habitat Goals Report (1999)* pp. 98, 118-119, *Baylands Goals Update (2016)* pp. 173-177, *USFWS Recovery Plan for Tidal Marsh Ecosystems of Northern and Central California (2013)*; *Comprehensive Conservation and Management Plan (2016)*, and the *San Francisco Basin (Region 2) Water Quality Control Plan (May 2017)* pp. 2-2 and 4-90; *San Francisco Bay Plan*, and the Joint Venture's Implementation Strategy (see below));
- (2) serves a regional constituency (will benefit regional populations of fish, wildlife, and shellfish),
- (3) can be implemented in a timely way (with construction beginning in 2019),
- (4) provides opportunities for benefits that could be lost if the project is not quickly implemented (benefits, particularly regarding protection against wetland erosion, invasive plants, and sea level rise, could be lost); and
- (5) includes matching funds from other sources of funding (from the Port and private in-kind contributions from Hanson Aggregate).

III.9. San Francisco Bay Conservation and Development Commission's Coastal Management Program.

The project is consistent with the San Francisco Bay Conservation and Development Commission's (BCDC's) Coastal Management Program priorities for wildlife habitat, water-related recreation, and climate change resilience. Port staff met with BCDC staff on July 12, 2018 to discuss the proposed project activities and benefits of the proposed bay fill (for beach creation and wetland erosion protection). The project will apply for a BCDC permit, and an approved permit would be in place prior to Project construction.

III.10. San Francisco Bay Joint Venture's Implementation Strategy.

The Heron's Head Park Shoreline Resilience Project is designated as a Tier 1 priority project in the Joint Venture's priority projects list (August 2018), indicating that it advances the Joint Venture's goals for protecting and enhancing wetland habitat for key species, has a strong biological foundation, and is being implemented by an entity or partnership that has the resources and expertise to ensure the project will be completed in a timely way with the best long-term habitat value.

GRANT APPLICATION CHECKLIST

A complete application will consist of the following files:

- Cover Letter (optional) – no more than one page.
- Grant application form (in Microsoft word or rtf format), includes:
 - cover page (2 pages)
 - project description (6 pages)
 - preliminary budget and schedule (1 page)
 - prioritization criteria (3 pages)
- Project maps and design plans (in one pdf file, 10 MB maximum size)
- Project photos (in jpg format)

Project Maps and Graphics. Provide the following project graphics with your application. Project maps and design plans should be combined into one pdf file with a maximum size of 10 MB. Project photos should be provided in jpg format.

- Regional Map – Clearly identify the project’s location in relation to prominent area features and significant natural and recreational resources, including regional trails and protected lands.
- Site-scale map – Show the location of project elements in relation to natural and man-made features on-site or nearby. Any key features discussed in project description should be shown.
- Design Plan – Construction projects should include one or more design drawings or graphics indicating the intended site improvements.
- Site Photos – One or more clear photos of the project site

I have reviewed the Grant Agreement Provisions listed in the Grant Guidelines (Page 9) and understand the likely requirements for receiving and administering Measure AA Funds.

Applications should be emailed to: grants@sfbayrestore.org. If you are unable to email your application, you may send the electronic files on a CD or other common electronic storage device. Mail the files to:

State Coastal Conservancy 1515 Clay Street, 10th Floor Oakland, CA 94612

Grant applications must be received by the San Francisco Bay Restoration Authority by 5pm PST on November 26, 2018.

Grant Budget: Heron's Head Park Shoreline Resilience Project - Phase 1: Marsh Habitat Restoration and Stewardship

Year 1: Sept. 2020-Dec. 2021

Task	Partner			Cost	Subtotal	Total Cost
Task 1. Field visit to collect Suaeda seeds from Morro Bay: travel, field collection, 2 nights camping						
1.1 Personnel: Sr. Scientist, Staff Scientist	EOS			\$5,520.00		
Travel: mileage, campground, per diem, tolls	EOS			\$656.00		
Materials & Supplies	EOS			\$80.00		\$6,256
1.2 Personnel: Nursery Mngr., Crew Lead, 4 Eco-Apprentice	LEJ			\$3,713.00		
Travel: mileage, campground, per diem, tolls	LEJ			\$570.00		
Materials & Supplies	LEJ			\$100.00		\$4,383
Subtotal Task 1. Suaeda seed collection						\$10,639
Task 2. Native plant cultivation & planting - Year 1						
			# of plants¹	\$/plant	Cost	Subtotal
2.1 Grindelia stricta, var. angustifolia, 2 ft.OC	March Gumplant	LEJ	2400	\$8	\$19,200	
Distichlis spicata, 1 ft.OC	Saltmarch Grass	LEJ	4800	\$5	\$24,000	
Frankenia salina, 1 ft.OC	Alkali heath	LEJ	9600	\$4	\$38,400	
Suaeda californica	Seablite	LEJ	100	\$15	\$1,500	
					Subtotal Purchase Plants	\$83,100
2.2 Technical assistance, Suaeda propogation (Fall 2020)	EOS		Sr. Scientist, Staff Scientist	\$2,480		
	EOS		Travel to project site	\$56		
					Subtotal Tech. Assist - propogation	\$2,536
2.2 Technical assistance, Suaeda outplanting (late Winter 2021)	EOS		Sr. Scientist, Staff Scientist	\$2,480		
	EOS		Travel to project site	\$56		
					Subtotal Tech. Assist -planting	\$2,536
Subtotal Task 2. Propogate & plant - Year 1						\$88,171
Task 3. Habitat Stewardship - Year 1						
			# of weeks/year	\$/week	Cost	Subtotal
3.1 Eco-Apprentice Crew of 4 ²	LEJ		8	\$2,880	\$23,040	
Crew Leader	LEJ		8	\$840	\$6,720	
Nursery Manager	LEJ		100 hrs @29.75		\$2,975	
Project Director: design, project management	LEJ		115 hrs @ 44.5/hr.		\$5,118	
Finance & Admin Manager	LEJ		70 hrs @37.15/hr		\$2,601	
					Personnel Subtotal	\$40,453
					Payroll Taxes & Benefits	\$10,518
Acquisition, replacement of hand tools, work gear	LEJ				\$1,500	
Soil Amendment	LEJ				\$5,000	

Gopher cages	LEJ				\$16,000	
Transportation: 2 vehicles, 30 trips, 5 miles RT, @0.575/mile	LEJ				\$173	
				Non-Personnel Subtotal		\$22,673
				Indirect Cost @10% of all Personnel & Non-Personnel costs		\$7,364
				Subtotal LEJ		\$81,008
3.2 Arboing Suaeda (late Winter 2021)	EOS		Staff Scientist		\$2,560	
	EOS		Travel to project site		\$111	
Monitor (1 day, late Winter 2021)	EOS		Staff Scientist		\$640	
	EOS		Travel to project site		\$46	
Report Suaeda locations to USFWS (Spring 2021)	EOS		Staff Scientist		\$1,280	
			Subtotal Tech Assist - Suaeda stewardship			\$4,637
3.3 Survey for Ridgway's rail (February-March)	TBD	4 surveys	\$2,500 ea.	\$10,000	\$10,000	
			Subtotal Task 3. Habitat stewardship - Year 1			\$95,645
Task 4. Community Outreach - Year 1						
		Cost Each	Quantity	Cost	Subtotal	
Organize, publicize, and present with Port staff at community meetings.	LEJ	\$1,000/meeting	4	\$4,000	\$4,000	
			Subtotal Task 4. Community Outreach			\$4,000
			TOTAL YEAR 1			\$198,455

Year 2: Jan. 2022-Dec. 2022

Task 5. Native plant cultivation, purchasing & planting - Year 2			# of plants	\$/plant	Cost	Subtotal	Total Cost
Grindelia stricta, var. angustifolia, 2 ft.OC	March Gumplant	LEJ	960	\$8	\$7,680		
Distichlis spicata, 1 ft.OC	Saltmarch Grass	LEJ	1920	\$5	\$9,600		
Frankenia salina	Alkali heath	LEJ	3840	\$4	\$15,360		
Suaeda californica	Seablite	LEJ	50	\$15	\$750		
					Subtotal propogate & plant - Year 2		\$33,390
Task 6. Habitat Stewardship - Year 2			# of weeks/year	\$/week	Subtotal	Total Cost	
6.1 Eco-Apprentice Crew of 4		LEJ	8	\$3,040	\$24,320		
Crew Leader		LEJ	8	\$880	\$7,040		
Nursery Manager		LEJ		100 hrs @29.75	\$2,975		
Project Director: design, project management		LEJ		100 hrs @ 44.5/hr.	\$4,450		
Finance & Admin Manager		LEJ		70 hrs @37.15/hr	\$2,601		
				Personnel Subtotal		\$41,386	
				Payroll Taxes & Benefits		\$10,760	
Transportation: 2 vehicles, 30 trips, 5 miles RT, @0.575/mile	LEJ					\$173	

	LEJ	Non-Personnel Subtotal	\$173
		Indirect Cost @10% of all Personnel & Non-Personnel costs	\$5,232
		Subtotal Habitat Stewardship - Year 2	\$57,550
6.2 Monitor (3 days: Fall 2021, Winter 2022, Fall 2022)	EOS	Sr. Scientist, Staff Scientist	\$4,320
	EOS	Travel to project site	\$138
6.3 Final Report re. Suaeda	EOS	Sr. Scientist, Staff Scientist	\$3,120
		Subtotal Monitoring & Reporting Suaeda - Year 2	\$7,578
		TOTAL YEAR 2	\$98,518
		TOTAL PROJECT BUDGET	\$296,973

Notes:

1. Cost/plant includes all labor and materials to propagate to specified size.
2. Crew members will receive \$18/hr. and the crew lead will receive \$21/hr. during Year 1, with a 4% COLA increase for Year 2.
The LEJ crew will work 5-day, 30-hour weeks. LEJ provides safety equipment, CPR and First Aid training, and otherwise ensures full compliance with prevailing Cal-OSHA labor conditions and safety standards.



SAN FRANCISCO BAY
RESTORATION AUTHORITY

April 17th, 2019

Carol Bach
Port of San Francisco
Port of San Francisco, Pier 1-The Embarcadero
San Francisco, CA 94111

RE: San Francisco Bay Restoration Authority Grant Application

Dear Applicant:

Congratulations, your application for Heron's Head Park Shoreline Resilience is being recommended for partial funding! This grant round was very competitive; the San Francisco Bay Restoration Authority received 15 applications requesting over \$81 million, and we were unable to fully fund all worthy projects.

The staff recommendation will be presented to the Authority's Governing Board for approval at a public meeting. The Authority will assign a project manager to prepare the written staff recommendation. The project manager will be in touch with you in the coming weeks.

If the Authority approves a grant for this project, your assigned project manager will send you a grant agreement. You may not begin work under the grant until the grant agreement is fully executed and certain conditions have been satisfied.

We look forward to working with you on this project. If you have any questions, or would like to discuss before your project manager reaches out, please reach out to grants@sfbayrestore.org.

Sincerely,

Sam Schuchat
Executive Officer



SAN FRANCISCO BAY
RESTORATION AUTHORITY

MEMORANDUM

DATE: June 07, 2019

TO: Governing Board
San Francisco Bay Restoration Authority

FROM: Sam Schuchat, Executive Officer
Matt Gerhart, Program Manager
San Francisco Bay Restoration Authority

SUBJECT: Staff's Recommendation on Projects to be Considered for Funding through Grant Round 2

In response to its second grant solicitation, the San Francisco Bay Restoration Authority (Authority) received 15 applications requesting a total of approximately \$83 million, of which \$57 million was requested by the Santa Clara Valley Water District for the South San Francisco Bay Shoreline Project. The authority has approximately \$21.5 million available to authorize for Round 2 projects.

Staff and members of the Advisory Committee reviewed and scored the applications and obtained additional information from applicants, as needed. Based on this process, staff developed the following list of projects to be recommended for funding in Grant Round 2:

- Tiscornia Marsh Restoration and Sea Level Rise Adaptation Project
- South San Francisco Bay Shoreline Project (multi-year funding of approx. \$11 million/year)
- Lower Walnut Creek Restoration Project
- Coyote Hills Restoration and Public Access Project
- Heron's Head Park Shoreline Resilience Project (partial funding)

Measure AA requires that revenue be allocated to projects throughout the region, with 50% of funds allocated to the four Bay Area regions in proportion to each region's share of the Bay Area's population, as determined in the 2010 census, and 50% allocated without regard to county. The minimum percentages that will be allocated to each of the four Bay Area regions are listed below:

- North Bay (Sonoma, Marin, Napa and Solano Counties) = 9% minimum allocation;
- East Bay (Alameda and Contra Costa Counties) = 18% minimum allocation;
- West Bay (City and County of San Francisco and San Mateo County) = 11% minimum allocation; and
- South Bay (Santa Clara County) = 12% minimum allocation.

SFBRA Grant Round 2 Staff Funding Recommendations

Organization	Partner Entities	Project Name	Project Summary	Average Score	Amount Requested	Amount Recommended: This Fiscal Year	Amount Recommended: Future Fiscal Years
Marin Audubon Society	City of San Rafael, Marin County BayWAVE, Shore Up Marin, San Francisco Bay Trail, San Francisco Bay Joint Venture, STRAW, Friends of San Rafael, Marin Community Foundation	Tiscornia Marsh Restoration and Sea Level Rise Adaptation	Prepare technical studies, refine the design, conduct CEQA review and public outreach for a sea level rise adaptation project that will expand marsh habitat and increase flood protection and provide public access for the underserved Canal community.	91	\$968,916	\$968,916	
Santa Clara Valley Water District	U.S. Army Corps of Engineers, California State Coastal Conservancy, U.S. Fish and Wildlife Service	South San Francisco Bay Shoreline: Economic Impact Area 11	The Project is a partnership between the District, U.S. Army Corps of Engineers, California State Coastal Conservancy and U.S. Fish and Wildlife Service, and is located in the City of San José, Santa Clara County. The Project aims to restore approximately 2,900 acres to its original tidal action and baylands habitat; provide 1-percent coastal flood risk management including improved shoreline resilience against projected sea level rise; and provide recreational enhancement opportunities and San Francisco Bay Trail connections.	89.33	\$57,026,673	\$11,000,000	\$46,026,673
Contra Costa County Flood Control and Water Conservation District	John Muir Land Trust	Lower Walnut Creek Restoration	The Project will restore and enhance brackish tidal wetlands and adjacent uplands along the southern shore of Suisun Bay, Walnut Creek and Pacheco Creek. The Project will improve habitat quality, diversity, and connectivity along 3.2 miles of creek channel (up to 328 acres). The Project provides flood protection that will be sustainable with natural sedimentation processes. Public trails and associated amenities will offer visitors opportunities for wildlife-compatible recreation, environmental educational and broad vistas of the Project area, Suisun Bay and Mount Diablo.	88.67	\$7,929,855	\$7,929,855	
East Bay Regional Park District		Coyote Hills Restoration and Public Access	The Coyote Hills Restoration and Public Access Project will restore rare high value habitat along the Bay margin including wet meadow, seasonal wetland, coastal prairie, willow thicket and mixed riparian forest habitat and provide public access on 306 acres expanding the eastern park boundary.	82	\$450,000	\$450,000	

SFBRA Grant Round 2 Staff Funding Recommendations

Organization	Partner Entities	Project Name	Project Summary	Average Score	Amount Requested	Amount Recommended: This Fiscal Year	Amount Recommended: Future Fiscal Years
Port of San Francisco	Literacy for Environmental Justice, San Francisco State University - Estuary & Ocean Science Center	Heron's Head Park Shoreline Resilience	The Port proposes to plan, permit, and construct a living shoreline at Heron's Head Park to control erosion, protect wetland habitat and upland public access, improve ecological function and biodiversity, and enable adaptation to sea level rise. The project will include planting, monitoring and stewardship.	84.75	\$3,456,600	\$1,100,000	
City of Palo Alto	Palo Alto Open Space, Parks and Golf Administration, and Baylands Comprehensive Conservation Plan Stakeholder Advisory Group	Renzel Marsh Restoration and Enhancement	Design and permitting for the restoration of the 160-acre Renzel Marsh complex, including enhanced tidal influence, tidal marsh restoration, and exploration of upland/transitional wetland restoration options using treated wastewater effluent for irrigation. Multiple benefits of this project include restoration and enhancement of low-quality tidal marsh; increased tidal action for improved water quality and flood risk reduction; new trails for recreation and education; and demonstration of cost-effective contaminant removal/sea level rise (SLR) adaptation strategies, via green infrastructure.	78.75	\$956,250		
East Bay Regional Park District	City of Richmond	Point Molate Shoreline Restoration and Public Access	Construct 1.0 mile of San Francisco Bay Trail on the Point San Pablo shoreline; provide improved public access to Point Molate Beach Park; remove approx. 800 liner feet of shoreline debris; and restore and enhance approx. 10,000 sq. ft. of shoreline beach, grassland and coastal scrub.	77.75	\$2,500,000		



MEMORANDUM

August 21, 2020

TO: MEMBERS, PORT COMMISSION
Hon. Kimberly Brandon, President
Hon. Willie Adams, Vice President
Hon. Gail Gilman
Hon. Doreen Woo Ho

FROM: Elaine Forbes 
Executive Director

SUBJECT: Request authorization to (1) subject to Board of Supervisors' approval, accept and expend \$297,000 in grant funds from the San Francisco Bay Restoration Authority; and (2) enter into a sole-source contract with Literacy for Environmental Justice to use the grant funds for Wetland Habitat Restoration at Heron's Head Park

DIRECTOR'S RECOMMENDATION: Approve Attached Resolution No. 20-42

EXECUTIVE SUMMARY

The Port of San Francisco created Heron's Head Park over 20 years ago. Over the past two decades, the park has evolved, with addition of the EcoCenter in 2010 and expansion and improvement of the park in 2012. It has also experienced significant erosion and invasion by non-native plants, resulting in decreased size and ecological value of the tidal wetland. The Port has developed plans for a living shoreline construction and wetland habitat restoration project to mitigate these impacts.

In 2018, the Port applied for a grant from the San Francisco Bay Restoration Authority ("SFBRA" or "Authority") to fund living shoreline construction and wetland habitat restoration. In July 2020, the SFBRA authorized disbursement of \$297,000 to the Port to begin the wetland plant restoration and community outreach components of the project. Port staff have identified Literacy for Environmental Justice (LEJ), a City of San Francisco-certified non-profit local business enterprise (LBE) that operates a native plant nursery and whose primary mission is to address the ecological and health concerns of the communities of southeast San Francisco, as uniquely qualified to provide the wetland habitat restoration, youth employment, and community outreach components of the SFBRA-funded scope of work.

THIS PRINT COVERS CALENDAR ITEM NO. 7A

At the Port Commission's August 11, 2020 meeting, Port staff presented a description of the Heron's Head Park Living Shoreline Project, including the wetland revegetation work currently approved for funding by SFBRA and the proposed sole-source contract with LEJ to implement the subject work. Port staff now requests the Port Commission's authorization to accept and expend \$297,000 in SFBRA grant funds for the first phase of wetland habitat restoration at Heron's Head Park, which consists of two years of wetland revegetation, youth employment, habitat stewardship, and community outreach. The grant does not require any matching funds from the Port. Port staff also requests the Port Commission's authorization for the Port's Executive Director to execute a sole-source contract with LEJ in an amount not to exceed \$297,000 to perform the grant-funded work. Approval to accept and expend grant funds of \$100,000 or more is also subject to Board of Supervisors' approval. Although the contract with LEJ to implement the work is not subject to Board of Supervisors' approval, since Port would not enter that contract absent the grant funds, Port will not execute the LEJ contract until the Board of Supervisors approves the grant.

Strategic Objectives

The wetland habitat restoration at Heron's Head Park that is the subject of this request supports the Port's strategic objectives as follows:

Goal #3 Engagement, Objective #2: *Partner with City departments and government agencies, Port tenants, and stakeholders to educate and promote waterfront projects and activities.* Funding from the San Francisco Bay Restoration Authority would support outreach to inform the community about the Heron's Head Park Shoreline Resilience project and the potential for nature-based infrastructure to serve as shoreline protection and adaptation to sea level rise. The Port's on-going partnership with San Francisco Recreation and Parks Department to provide public programs offered at the EcoCenter provides additional opportunity to inform the community about the project.

Goal #4 Equity: *Ensure Port activities advance equity and public benefit and attract a diversity of people to the Waterfront.* Protecting and enhancing the wetland habitat at Heron's Head Park will preserve a valuable public asset that is used by a diversity of users seeking healthy activities and connection to nature in an area of the City where there is less access to such benefits.

Goal #5 Sustainability, Objective #2: *Enact measures to protect the Bay and its ecosystems:*

- a) *Explore natural infrastructure alternatives (e.g. wetlands, horizontal levees, and "living shorelines") in all shoreline stabilization and improvement projects.*
- b) *Implement City Biodiversity Goals and best sustainable practices in all open space improvement projects.*

Port staff presented both the Heron's Head Park Improvement Project¹ and the Living Shoreline Project to the Port's Southern Waterfront Advisory Committee on August 19,

¹ Presented to the Port Commission on July 14, 2020

2020. Committee members and members of the public attending the meeting spoke in support of the projects and the on-going public programs at the EcoCenter.

Background

In the 1970s, the Port began placing fill in San Francisco Bay (the Bay) to construct a proposed “Pier 98” cargo terminal. The construction was discontinued, and fill was left unimproved for decades. In the late 1990s, the Port worked with the San Francisco Bay Conservation and Development Commission (BCDC) to resolve regulatory problems related to the fill by developing a beneficial use, expanding and enhancing tidal wetlands that had naturally established at the site over 20 years since construction ceased, and constructing park amenities including a 1/3- mile spur of the San Francisco Bay Trail, picnic areas, and native plant landscapes. In 1998, the former Pier 98 opened to public as Heron’s Head Park. In 2010, the EcoCenter at Heron’s Head Park opened. In 2012, the Port used general obligation bond funds to expand the park to include a new picnic area, paved walking paths, an off-leash dog play area, and improved parking.

Heron’s Head Park is an approximately 21-acre peninsula, comprised of seven acres of wetlands and tidal ponds, and 14 acres of public open space. It is a highly valued resource for both wildlife and people: it is home to or visited by over 100 species of migratory and resident birds, two endangered species, and thousands of San Francisco Bay Area residents annually.

The shoreline at Heron’s Head Park has experienced subsidence, erosion from wind-waves and tidal flows, and a low supply of suspended sediment in Bay waters that is needed to replenish the marsh. The wetland plant habitat that is the basis of the site’s ecological function has decreased in size and suffers from invasion by non-native plants. To address these impacts, the Port has developed the proposed Heron’s Head Park Living Shoreline project to achieve the following objectives:

1. Stabilize the southern shoreline and protect it from continued erosion.
2. Restore native plant vegetation to enhance biodiversity and ecological function.
3. Create a resilient shoreline that can adapt to a moderate amount of sea level rise through 2050.
4. Create youth employment and community engagement opportunities through hands-on involvement in park restoration activities.

San Francisco Bay Restoration Authority (SFBRA) Grant

The SFBRA (established by Government Code §§ 66700-66706), is a regional agency created to generate and allocate resources for the protection and enhancement of tidal wetlands and other wildlife habitat in San Francisco Bay and along its shoreline. The SFBRA awards grants to public and private entities to achieve these purposes consistent with Government Code § 66704.5, the SFBRA’s Grant Program Guidelines, and the SFBRA’s San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure (“Measure AA”), passed by the voters in June 2016. In November 2018, the Port applied for SFBRA grant funds for the Heron’s Head Living Shoreline Project, which included youth employment and outreach to the surrounding Bayview Hunters Point neighborhood. In April 2019, the SFBRA recommended award

of up to \$1,100,000 to the Port to fund the marsh revegetation, habitat stewardship, and monitoring components of the Heron's Head Park Living Shoreline project, subject to approval of project-specific scope and budget by its governing board, and authorization to execute a grant agreement with the recipient.

To enable the Port to begin the proposed revegetation, including seed collection and growing plants for up to a year before planting, SFBRA and Port staff agreed to divide the proposed 5-year revegetation effort into two phases: the first phase would include the first two years of revegetation; the second phase would be the additional three years of continued planting and habitat stewardship. On July 17, 2020, the SFBRA voted unanimously in favor to award \$297,000 to the Port to implement first phase of marsh revegetation over a period of approximately 2.5 years.

The SFBRA requires the receiving entity ("grantee") to make certain findings, which are included in the proposed Resolution, and execute its standard grant agreement which includes the following key terms:

- The grantee must maintain the improvements for the duration of the grant term or reasonable life of the improvements.
- The grantee must indemnify and hold harmless the SFBRA from liability in any way connected with the project. The requirement to indemnify the grantor is typical in grant agreements. Section 1.24 of the City's Administrative Code requires the City's Risk Manager's approval in order for the City to indemnify another party. The City's Risk Manager has approved the indemnification provision of the SFBRA standard grant agreement.
- The grantee must procure and maintain specified insurance and require the same of its contractors executing the grant-funded work.
- The grantee must acknowledge SFBRA and Measure AA funding in written, verbal, and digital communications about the project.

Sole-Source Contract with Literacy for Environmental Justice (LEJ)

With SFBRA funding, the Port would initiate the first two of the anticipated total of five years of marsh revegetation. Work during the first two years would include collecting plant materials of specified species and cultivating plants in a nursery, planting up to 24,000 plants representing four species over 20,000 – 30,000 square feet of intertidal zone, maintaining the marsh habitat through manual removal of invasive species and strategic replacement of native plants in cleared areas, and presenting at up to four community meetings.

The first two years of wetland plant habitat restoration would also include community outreach. With technical support from Port staff, youth working on revegetation would develop content and presentation materials and present the purpose, potential beneficial and adverse impacts, and desired outcomes of the living shoreline project to key community stakeholders. These community outreach efforts will not only foster broader awareness of the project, they would also create an opportunity for those working on the revegetation effort to develop their understanding of the scientific basis for the work they are doing and practice professional presentation skills. Additionally, these presentations may offer a vision to communities in southeast San Francisco of

how nature-based shorelines may serve as an option for sea level rise adaptation.

Port staff recommends executing a 28-month sole-source contract with LEJ to conduct the initial two-year vegetation, youth employment, and community outreach work funded by SFBRA. LEJ is a City of San Francisco-certified non-profit local business enterprise (LBE) dedicated to addressing the ecological and health concerns of the communities of southeast San Francisco. LEJ trains youth for rewarding green careers and engages community volunteers to care for their open spaces. LEJ's native plant nursery, located in Hunters Point, specializes in growing locally adapted native species for shoreline and coastal upland habitats, and consequently is uniquely qualified to fulfill the project's need for specified species of wetland plants as well as the goal to engage local youth in the habitat restoration and related community outreach efforts. LEJ is able to provide the required native wetland plants and employ interns through its Eco-Apprentice program to remove invasive species, plant natives, and maintain native marsh vegetation. The Eco-Apprentices are transitional age youth (18-25 years old), generally from the Bayview Hunters Point community, who have a passion for conservation, habitat restoration, and community engagement. The LEJ contract would be limited to a maximum of the \$297,000 grant amount and use the standard contract form P-600 for professional services.

The Port issued a Request for Information (RFI) on July 20, 2020 for contractors that can provide both the plants—including growing in a nursery and planting at the park—and community participation components of the grant-funded scope. The RFI was sent to 19 native plant nurseries, with responses due on August 1, 2020. Of the two responses received, LEJ was the only respondent able to provide plants, youth employment and community engagement.

The City's Contract Monitoring Division has approved the Port's request for a waiver from Chapter 14B requirements for both sole source and subcontracting requirements. Port staff have submitted a request for a sole-source waiver, including documentation of the RFI process, to the City's Office of Contract Administration; that request is under review.

Regulatory Approvals

The living shoreline project, including the wetland habitat restoration work that is the subject of this report, has been reviewed for compliance with CEQA by the San Francisco Planning Department and determined to be categorically exempt under Class 33 - CEQA Guidelines Section 15333. Small Habitat Restoration Projects. (d)(2) for wetland restoration, the primary purpose of which is to improve conditions for waterfowl or other species that rely on wetland habitat. The Port has applied for permits to construct the living shoreline from the US Army Corps of Engineers, the Bay Conservation and Development Commission, the San Francisco Bay Regional Water Quality Control Board, and the US Fish & Wildlife Service. The wetland plant habitat restoration does not require permits from any of the listed agencies. However, Port staff has consulted with agency staff who have expertise and/or potential for regulatory jurisdiction in planning and establishing conditions for performing the habitat restoration work.

Funding

All of the SFBRA grant funds, a total of \$297,000, will be used to perform the work described above. The grant does not require any matching funds from the Port. Port staff will provide project management, including grant and contract administration, but will not contribute any funds to this phase.

Schedule

The anticipated schedule is as follows:

Port Commission Authorization to Accept and Expend SFBRA Grant and Execute a Sole-source Contract with LEJ.	August 25, 2020
Board of Supervisors Authorization to Accept and Expend SFBRA Grant Funds	September 2020
Execute Grant Agreement with SFBRA and Contract with LEJ	Upon Board of Supervisors' approval
Restore Wetland Habitat at Heron's Head Park	Beginning upon contract execution and continuing through December 2022.

Recommendation

Port staff requests Port Commission authorization for its Executive Director to seek Board of Supervisors approval to accept and expend \$297,000 in grant funds from the SFBRA and, upon Board of Supervisors' approval, execute a grant agreement with SFBRA and a contract for up to \$297,000 and a 28 month term with LEJ to restore and enhance wetland habitat at Heron's Head Park.

Prepared by: Carol Bach
Environmental Affairs Manager

For: Diane Oshima
Deputy Director, Planning & Environment Division

**PORT COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

RESOLUTION NO 20-42

- WHEREAS the San Francisco Bay Restoration Authority Act, Government Code §§ 66700-66706, establishes the San Francisco Bay Restoration Authority (“Authority”) as a regional entity to generate and allocate resources for the protection and enhancement of tidal wetlands and other wildlife habitat in San Francisco Bay and along its shoreline, and authorizes the Authority to award grants to public and private entities to achieve these purposes; and
- WHEREAS the Authority awards grants for eligible projects consistent with Government Code § 66704.5, the Authority’s Grant Program Guidelines, first adopted in May 2017, and the Authority’s San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure (“Measure AA”), passed by the voters in June 2016; and
- WHEREAS on November 18, 2018, the Port submitted an application for grant funds to the Authority to construct a living shoreline and restore tidal wetland habitat at Heron’s Head Park, including employment of youth representing the neighboring community in southeast San Francisco; and
- WHEREAS at its July 17, 2020 meeting, the Authority adopted a resolution authorizing a grant to the Port in the amount of \$297,000 for the Heron’s Head Park Shoreline Resilience project: Phase I; the Authority’s resolution was adopted by the Authority pursuant to, and is included in, the Authority’s July 17, 2020 staff recommendation, a copy of which is on file with the grantee and with the Authority; and
- WHEREAS the Authority requires execution of its standard grant term and conditions as further described in the staff report accompanying this Resolution (“Grant Agreement”); and
- WHEREAS Port acknowledges that it has or will have sufficient funds to complete the grant-funded project and to operate and maintain, for the 28-month grant period set forth in the Grant Agreement, any property acquired or improvements constructed as a part of the grant-funded project; and
- WHEREAS under the City Administrative Code Section 10.107-1, the Port must obtain Board of Supervisors’ approval to accept and expend grant funds of \$100,000 or more; and
- WHEREAS Literacy for Environmental Justice (LEJ) is a City of San Francisco-certified non-profit local business enterprise dedicated to addressing the ecological and health concerns of the communities of southeast San

Francisco; among other activities, LEJ trains youth for rewarding green careers and engages community volunteers to care for their open spaces; and its native plant nursery, located in Hunters Point, specializes in growing locally adapted native species for shoreline habitats, and

WHEREAS LEJ was the only respondent to Port's July 2020 Request for Information able to provide all of the components of the scope of work for the grant-funded project; and

WHEREAS On June 11, 2020 the City's Contract Monitoring Division approved the Port's request for a waiver from Chapter 14B requirements for both sole source and subcontracting requirements for the proposed contract with LEJ; and approval of a sole source waiver from the City's Office of Contract Administration is pending; and

WHEREAS, Based on these factors, and pending approval by the Office of Contract Administration, Port staff recommends a 28-month term sole source contract for an amount not to exceed \$297,000 with LEJ to complete the grant-funded project; and

WHEREAS the habitat restoration project is categorically exempt from the California Environmental Quality Act; now therefore be it

RESOLVED, that the Port Commission authorizes its Executive Director to seek Board of Supervisors' approval and urges the Board of Supervisors to approve the request to accept and expend the grant from the Authority; and be it further

RESOLVED, that, upon Board of Supervisors' approval of the grant, the Port Commission authorizes the Executive Director or her designee to act as a representative of the Port and to negotiate and execute the Grant Agreement and all other agreements and instruments necessary to obtain and expend the grant monies on behalf of Port, in such form approved by the City Attorney; and be it further

RESOLVED, that the Port Commission finds that LEJ is uniquely qualified to implement the scope of work for the grant funds; and be it further

RESOLVED, that, upon Board of Supervisors' approval of the grant, and subject to the Office of Contract Administration's approval, the Port Commission hereby authorizes the Executive Director or her designee to execute a 28-month sole source contract with LEJ for an amount not to exceed \$297,000 in such form as approved the City Attorney to implement the grant-funded project as further described in the staff report accompanying this Resolution.

I hereby certify that the foregoing resolution was adopted by the Port Commission at its meeting of August 25, 2020.

Carl Nicita

Secretary



SAN FRANCISCO BAY
RESTORATION AUTHORITY

SAN FRANCISCO BAY RESTORATION AUTHORITY
CERTIFICATION OF ADOPTION OF RESOLUTIONS

I, Maggie Jenkins, Clerk of the Governing Board, certify that on July 17, 2020, the San Francisco Bay Restoration Authority Governing Board adopted the following resolutions:

1. Suisun Marsh Fish Screen Rehabilitation Project: Phase 1

“The San Francisco Bay Restoration Authority hereby authorizes the disbursement of an amount not to exceed four hundred and fifty-four thousand, six hundred and twenty-four dollars (\$454,624) to Suisun Resource Conservation District to develop and test repair designs to rehabilitate Suisun Marsh Essential Fish Screens along Montezuma Slough and to upgrade the solar facilities that power pumps at six remote Essential Fish Screen sites to ensure resiliency for 5,369 acres of managed wetlands in Suisun Marsh of Solano County. Prior to commencement of the project, the grantee shall submit for the review and written approval of the Executive Officer of the Authority the following:

1. A detailed work program, schedule, and budget.
2. Names and qualifications of any contractors to be employed in carrying out the project.
3. A plan for acknowledgement of Authority funding.
4. Evidence that all permits and approvals required to implement the project have been obtained.
5. Evidence that the grantee has entered into agreements sufficient to enable the grantee to implement, operate, and maintain the project.”

“Based on the accompanying staff report and attached exhibits, the San Francisco Bay Restoration Authority hereby finds that:

1. The proposed authorization is consistent with The San Francisco Bay Restoration Authority Act, Gov. Code Sections 66700-66706.
2. The proposed authorization is consistent with The San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure (Measure AA).
3. The grantee is not required to enter into a project labor agreement per Resolution 22 because construction costs for the project will not exceed \$500,000.
4. The San Francisco Bay Restoration Authority has independently reviewed and considered the *Suisun Marsh Habitat Management, Preservation, and Restoration Plan Final Environmental Impact Statement/Environmental Impact Report (SMP EIR/S)*, which was certified by the California Department of Fish and Wildlife (DFW) on December 22, 2011 (Exhibit 3) The EIR/S indicates that the project has potentially significant effects in the areas of Air Quality, Noise, Utilities and Public Services, Cultural Resources, Public Health and Environmental Hazards. As described in the EIR/S and accompanying MMRP (Exhibit 4) mitigation measures have been incorporated into the project, which will eliminate or substantially lessen all potentially significant effects to a less than significant level. There is no substantial evidence that the project as mitigated will have a significant effect on the environment.”

2. American Canyon Wetlands Restoration Plan

“The San Francisco Bay Restoration Authority hereby authorizes the disbursement of an amount not to exceed four hundred fifty thousand dollars (\$450,000) to the City of American Canyon to conduct feasibility studies, form a Technical Advisory Committee, prepare a Wetlands Restoration Plan, and prepare a Monitoring Plan. The American Canyon Wetlands Restoration Plan will summarize opportunities for projects that will protect, restore, and enhance wetland and upland habitat along the City’s shoreline in Napa County. Prior to commencement of the project, the grantee shall submit for the review and written approval of the Executive Officer of the Authority the following:

- a. A detailed work program, schedule, and budget.
- b. Names and qualifications of any contractors to be employed in carrying out the project.
- c. A plan for acknowledgement of Authority funding.”

“Based on the accompanying staff report and attached exhibits, the San Francisco Bay Restoration Authority hereby finds that:

1. The proposed authorization is consistent with The San Francisco Bay Restoration Authority Act, Gov. Code Sections 66700-66706.
2. The proposed authorization is consistent with The San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure (Measure AA).”


3. Heron’s Head Park Shoreline Resilience Project: Phase 1

“The San Francisco Bay Restoration Authority hereby authorizes the disbursement of an amount not to exceed two hundred ninety seven thousand dollars (\$297,000) to the Port of San Francisco for Phase One of the Heron’s Head Park Shoreline Resilience Project. Prior to commencement of the project, the grantee shall submit for the review and written approval of the Executive Officer of the Authority the following:

1. A detailed work program, schedule, and budget.
2. Names and qualifications of any contractors to be employed in carrying out the project.
3. A plan for acknowledgement of Authority funding.
4. Evidence that all permits and approvals required to implement the project have been obtained.

“Based on the accompanying staff report and attached exhibits, the San Francisco Bay Restoration Authority hereby finds that:

1. The proposed authorization is consistent with The San Francisco Bay Restoration Authority Act, Gov. Code Sections 66700-66706.
2. The proposed authorization is consistent with The San Francisco Bay Clean Water, Pollution Prevention and Habitat Restoration Measure (Measure AA).”

DocuSigned by:

AES4FDE40396429...
Maggie Jenkins, Clerk
San Francisco Bay Restoration Authority

7/17/2020

Date

From: [Peacock, Rebecca \(MYR\)](#)
To: [BOS Legislation, \(BOS\)](#)
Cc: [Kittler, Sophia \(MYR\)](#); [Delepine, Boris \(PRT\)](#); [Liu, Adrian \(MYR\)](#); [Burch, Percy \(BOS\)](#)
Subject: Mayor -- [Resolution] -- [Accept and Expend State Grant – San Francisco Bay Restoration Authority – Heron's Head Park Shoreline Resilience Project Phase I- \$297,000]
Date: Tuesday, September 15, 2020 5:37:13 PM
Attachments: [\(4\) A&E_PRT_Heron's Head Park.zip](#)

Attached for introduction to the Board of Supervisors is a **resolution authorizing the Port of San Francisco to accept and expend a grant in the amount of \$297,000 from the San Francisco Bay Restoration Authority to fund Phase I of the Heron's Head Park Shoreline Resilience Project from October 2020 through December 2025.**

This is the final introduction from the Mayor's Office.

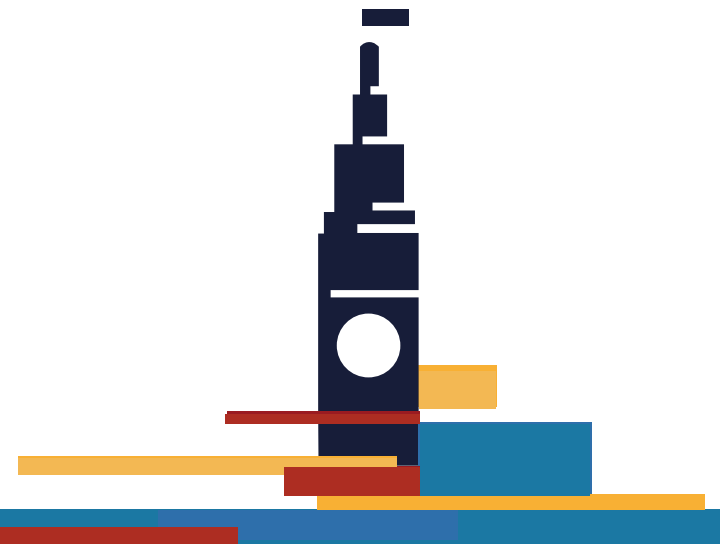
Please let me know if you have any questions.

Rebecca Peacock ([they/she](#))
(415) 554-6982 | Rebecca.Peacock@sfgov.org
Office of Mayor London N. Breed
City & County of San Francisco

Heron's Head Park Living Shoreline Project San Francisco Bay Restoration Authority Grant Wetland Plant Habitat Restoration

Board of Supervisors Budget & Finance Committee
September 30, 2020

Presented By: Carol Bach
Environmental Affairs Manager, Port of San Francisco



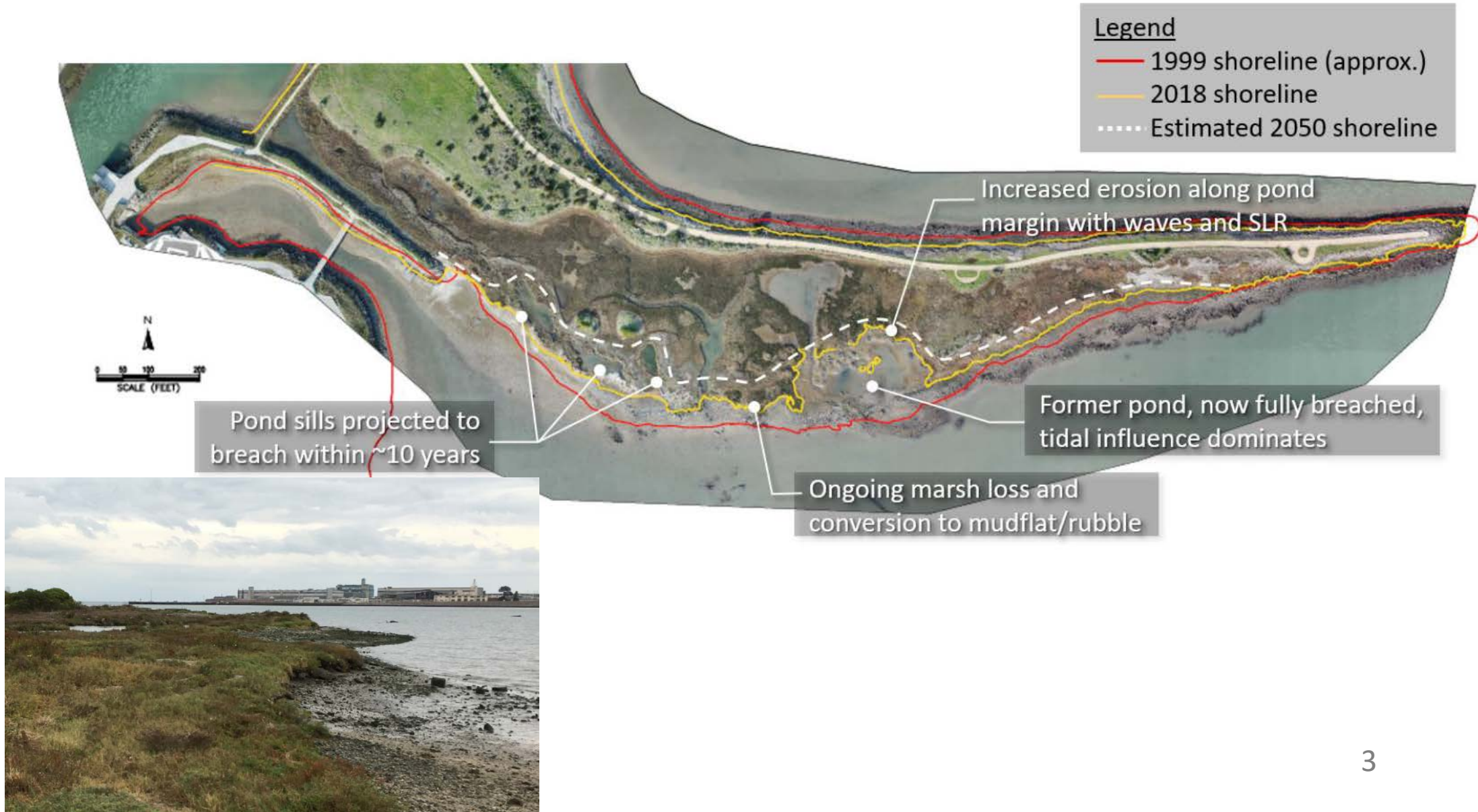


Heron's Head Park:

- 8 acres of tidal wetlands
- 14 acres of public open space
- Thousands of visitors each year
- Education and recreation programs offered out of The EcoCenter
- Summer 2020 offered Covid-safe “Wetlands Explorer Camp”



Shoreline Erosion



San Francisco Bay Restoration Authority Grant

First Funding award approved: \$297,000

- First 2 of 5 years of wetland revegetation, including youth employment
- Subject to Port Commission Approval
- Subject to Board of Supervisors Approval

Grant Terms and Conditions Include:

- Term – 2.5 years
- Maintenance through grant term
- Indemnification and Insurance
- Acknowledgement



Source of Funds Logo: Measure AA

San Francisco Bay Restoration Authority Grant



SAN FRANCISCO BAY
RESTORATION AUTHORITY

Recommended for SFBRA Grant Funding:

- Wetland Revegetation
- Youth Employment
- Project Monitoring
- Wetland Plant Habitat Stewardship



Funding award approved: \$297,000

- First 2 of 5 years
- Approved by Port Commission August 25, 2020

Potential Habitat Elevations

Estuary (-12.1306572 - -0.589212463)
Tidal Flat (-0.589212463 - 3.070787537)
Low Marsh (3.070787538 - 5.590787537)
Middle Marsh (5.590787538 - 6.210787537)
High Marsh (6.210787538 - 7.37)
Potential Transition Zone (7.370000001 - 8.2558268)
Upland (8.255826801 - 22.46892548)

▨ Invasive Species Coverage (60,800 sq. ft.)

○ Land Based Site Access

Elevations follow North American Vertical Datum of 1988 (NAVD88), Feet, GEOID 12b.

LEJ Eco-Apprentices cultivate, plant and maintain wetland plants



Request:

Authorization of Accept and Expend Resolution to Fund Phase I of Heron's Head Park Shoreline Resilience Project

