

Agenda Item: Discuss and Consider Approval of the Submission of Three Grant Applications to the Industrial Development Corporation (IDC) of the City of Galveston

Background:

At the May 21, 2019 Trustees meeting staff received approval to submit applications to the General Land Office's (GLO) Coastal Erosion Planning and Response Act (CEPRA) program for Cycle 11 projects. These projects included:

1. Sediment Bedload Collector Full Scale Demonstration - Phase 3
2. West Galveston Seawall to 8-Mile Rd - Engineering & Design
3. Galveston Beneficial Dredge - Babe's Beach 2021 & 2023

In late October 2019 the Park Board received notification that all three projects were chosen to receive funding from the GLO CEPRA program.

All three projects planned for contributions from the City's IDC funding and have been discussed with City staff through the five-year CIP Beach Nourishment silo funding. CEPRA and IDC funding for all three project was included in the FY 2019-2020 Park Board budget.

The commitment for Babe's Beach is for two cycles of funding; one in 2021 and the other in 2023. The reason for the requested commitment is to support the RESTORE grant submittal. The U S Treasury/TCEQ wants to see commitments from the GLO and IDC for both cycles of funding to support the RESTORE request, which was received from the GLO. The need for the two-cycle commitment has been discussed with City staff during the five-year CIP meeting on November 22, 2019.

Park Board staff will generate all IDC application documents for internal review and submittal in January 2020 for deliberation at an IDC meeting in February 2020.

As a side note: A fourth project was submitted to CEPRA for a nourishment project on the Historic Stretch of the Seawall; but that project has received internal funding, all through the GLO, and will not require funding assistance from the Park Board or City IDC.

Staff Recommendation:

Staff recommends moving forward with the three IDC application submittals.

Funding Source (if a budgetary item):

Funding Source is NB 4650 for #1 & #2, Funds not needed until FY 2020-2021 from Park Board budget for #3.



TEXAS GENERAL LAND OFFICE
GEORGE P. BUSH, COMMISSIONER

October 25, 2019

Reuben Trevino
Director of Operations
Park Board of Trustees of the City of Galveston
601 Tremont, Ste. 200
Galveston, TX 77550

Dear Mr. Trevino,

The Galveston Beneficial Dredge – Babe’s Beach Re-Nourishment project submitted to the Texas General Land Office (GLO) for funding consideration through the Coastal Erosion Planning and Response Act (CEPRA) has been selected as a Cycle 11 priority project. The project goal summary for this project was received and evaluated by the GLO, and funding for the amount of \$8,000,000 has been awarded. Understanding that costs for engineering and other services may have changed since the original submission, the overall scope of work may need to be scaled appropriately to available CEPRA and partner funding.

A CEPRA project manager will be contacting you shortly to develop a project cooperation agreement and to confirm cost-share and budgets, which at this time are preliminary estimates. Once the project begins, we will be reviewing project timelines quarterly to ensure that your project and all other Cycle 11 priority projects can be successfully and expeditiously completed before the end of the biennium August 31, 2021.

We look forward to working with you to restore and enhance our Texas coast. If you have any questions, please feel free to contact me at (512) 463-2482 or kevin.frenzel@glo.texas.gov.

Sincerely,

A handwritten signature in blue ink that reads "Kevin Frenzel".

Kevin Frenzel, P.G.
Manager - CEPRA
Coastal Resources
Texas General Land Office



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GEORGE P. BUSH, COMMISSIONER

October 25, 2019

Reuben Trevino
Director of Operations
Park Board of Trustees of the City of Galveston
601 Tremont, Ste. 200
Galveston, TX 77550

Dear Mr. Trevino,

The West Galveston Seawall to 8-Mile road Engineering and Design project submitted to the Texas General Land Office (GLO) for funding consideration through the Coastal Erosion Planning and Response Act (CEPRA) has been selected as a Cycle 11 priority project. The project goal summary for this project was received and evaluated by the GLO, and funding for the amount of \$360,000 has been awarded. Understanding that costs for engineering and other services may have changed since the original submission, the overall scope of work may need to be scaled appropriately to available CEPRA and partner funding.

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Sincerely,

Kevin Frenzel, P.G.
Manager - CEPRA
Coastal Resources
Texas General Land Office



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October 25, 2019

Reuben Trevino
Director of Operations
Park Board of Trustees of the City of Galveston
601 Tremont, Ste. 200
Galveston, TX 77550

Dear Mr. Trevino,

The Sediment Bedload Collector Full Scale Demo Ph. III project submitted to the Texas General Land Office (GLO) for funding consideration through the Coastal Erosion Planning and Response Act (CEPRA) has been selected as a Cycle 11 priority project. The project goal summary for this project was received and evaluated by the GLO, and funding for the amount of \$1,575,000 has been awarded. Understanding that costs for engineering and other services may have changed since the original submission, the overall scope of work may need to be scaled appropriately to available CEPRA and partner funding.

A CEPRA project manager will be contacting you shortly to develop a project cooperation agreement and to confirm cost-share and budgets, which at this time are preliminary estimates. Once the project begins, we will be reviewing project timelines quarterly to ensure that your project and all other Cycle 11 priority projects can be successfully and expeditiously completed before the end of the biennium August 31, 2021.

We look forward to working with you to restore and enhance our Texas coast. If you have any questions, please feel free to contact me at (512) 463-2482 or kevin.frenzel@glo.texas.gov.

Sincerely,

Kevin Frenzel, P.G.
Manager - CEPRA
Coastal Resources
Texas General Land Office

Park Board of Trustees CEPRA Cycle 11- DRAFT

Priority Rank	Program	Project Title	Potential Partners	Amount		Total	
	(Primary)			2021 Cycle	2023 Cycle	2021 Cycle	2023 Cycle
1	CEPRA	Galveston Beneficial Dredge - Babe's Beach	City of Galveston IDC	\$2.0M	\$2.0M	\$10.5 M Incremental cost	\$10.5M Incremental cost
			Texas GLO (CEPRA)	\$4.0M	\$4.0M		
			USACE	~\$14.0M	~\$14.0M		
			Restore	\$4.5M	\$4.5M		
			Totals	\$24.5M	\$24.5M		
Summary	<p>The Galveston Park Board has previously partnered with the General Land Office, and City of Galveston IDC to take advantage of the USACE's 18 to 24-month maintenance dredging cycle of the Houston-Galveston ship channel, to beneficially use the material dredged to establish a beach area west of 61st street in 2015. This area had been submerged since Hurricane Carla in 1961. Since the implementation of the Restore program following the Deepwater Horizon disaster in 2010, the Park Board has submitted a Restore grant application of \$9,000,000 seeking to partner with the USACE during two (2) consecutive maintenance dredging cycles in 2021 and 2023 (\$4.5M each). Due to a lag in funding the Park Board was unable to take similar advantage of the FY2017 maintenance dredging cycle. Through other funding sources the Park Board, GLO, and USACE have partnered to implement the FY2019 cycle. However, the FY2021 and FY2023 cycle remain unfunded for beach placement. This proposed project establishes a dedicated funding source to re-capture potentially lost sediment to enhance Galveston's beaches.</p> <p>Status: Listed on the TCEQ Multi-Year Implementatin Plan, has been forwarded to the Treasury Dept. pending award</p>						
Priority Rank	Program	Project Title	Potential Partners	Amount		Match	Total Project
2	CEPRA	West Galveston Seawall to 8-Mile Road Engineering / Design	Galveston Local	\$240,000		40% Local: 50% Park Board & 50% IDC	\$600,000
			Texas GLO (CEPRA)	\$360,000		(60% GLO CEPRA)	
Summary	<p>This project would provide 1 mile of shoreline stabilization along the Gulf beach of Galveston's West End. A feeder beach also would be created to passively nourish the shoreline from the Galveston Seawall to 8 Mile Road through natural transport. Recent nourishment efforts on Galveston Island were achieved through improved coordination of dredged materials between federal and state agencies. Continued coordination between federal and state agencies would keep costs feasible for this stretch of shoreline.</p>						

Priority Rank	Program	Project Title	Potential Partners	Amount	Match	Total Project
3	CEPRA	Sediment Bedload Collector Full Scale Demo Phase 3	Galveston Local	\$525,000	25% Local: 50% Park Board & 50% IDC	\$2.1 mill
			Texas GLO (CEPRA)	\$1,575,000	75% GLO CEPRA	
Summary	<p>Previously the Park Board has partnered with the U.S. Army Corp of Engineers through consecutive Planning Assistance to the States (PAS) projects to develop the “Galveston Island, Texas Sand Management Strategies” followed by additional PAS projects to test the conceptual viability of the Sediment Bedload Technology to capture sediment for re-distribution to eroding areas of Galveston Island. The technology has been modeled and tested along accreting areas on the east and west end. The most recent phase included permitting and design; with the remaining steps to undertake the installation of a pilot project. This project is proposing to complete the installation at R.A. Apffel Park (some of the most rapidly accreting areas on Galveston Island). Added benefits to this location include the benefits of Park Board staff oversight. If it were located at the far west end, the project is potentially subject to vandalism and other damages due to its remote location.</p> <p>Status: Finalizing permitting and design, awaiting Phase 2 CEPRA Demonstration Project & Eng/Design</p>					

<u>Project</u>	<u>Project Total</u>	<u>Total Local</u>	<u>IDC Request</u>	<u>Park Board</u>
1. Galveston Beneficial Dredge '21& '23	\$24,500,000	\$2,625,000	\$2,625,000	
2. W. Galveston Seawall to 8-Mile Road	\$600,000	\$240,000	\$120,000	\$120,000
3. Demonstration Project - Sediment Bedload	<u>\$2,100,000</u>	<u>\$525,000</u>	<u>\$262,500</u>	<u>\$262,500</u>
	\$27,200,000	\$3,390,000	\$3,007,500	\$382,500

5_13_2019
e_note: Grants